CATALOGUE

Valid from 01/2022

AUTOMATIC DOORS



THE AUTOMATIC DOORS **VIDEO** DIRECTLY **ON YOUR SMARTPHONE**

*Scan the **QR Codes** below and see them in action!*



A1400 AIR



SKR35



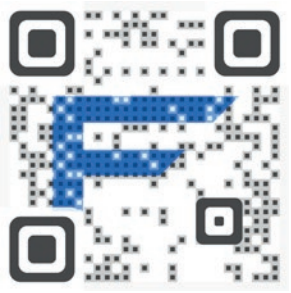
GBF 3500



A951



GBF 1500-1600



950N2



AIRSLIDE



SF1400



FAAC

Simply automatic.

Automatic Doors
Automated systems for
special entrances



FAAC: THE TECHNOLOGY THAT SURROUNDS YOU

Innovation, the ability to push ourselves beyond established practice, the courage to cross frontiers and open up many more: these are the values that have inspired FAAC throughout its history.

FAAC was founded in Zola Predosa (Bo) Italy in 1965 and right from the very beginning became synonymous with automation systems for gates due to innovation and the quality and the reliability of its products.

Today, after having filed 40 patents for its own design solutions, FAAC has achieved unparalleled international success and has considerably expanded its product range: not only have the residential solutions made FAAC famous throughout the world but also its commercial and office access control solutions.

MORE THAN 3000
PEOPLE EMPLOYED IN **5 CONTINENTS**

17
PRODUCTION FACILITIES IN **15 COUNTRIES**

34
SALES COMPANIES IN **25 COUNTRIES**

1
A NETWORK OF MORE THAN **80 COUNTRIES SERVED BY OFFICIAL DISTRIBUTORS**

These are the numbers of FAAC Group, one of the most important companies of European industry.



Technologically innovative.

The passion for research into new technological solutions and the optimisation of existing systems are the values on which FAAC's philosophy is based. That's the way our whole organisation works, to design products that are better every day.

Nothing but quality, always.

The continuous inspection of its products makes FAAC synonymous with quality and safety. From the raw materials to its suppliers and the manufacturing processes, which are carried out entirely in-house, the keyword is Quality, without compromise.

Reliability and safety above all.

All FAAC products undergo very thorough testing to ensure their long-term reliability. Scrupulous compliance with international safety standards ensures complete safety for people and the environment.

Customer satisfaction, every day.

FAAC works to make its solutions a perfect answer to everyday needs. This is why FAAC guarantees the satisfaction of its customers by carefully monitoring the market to find and interpret new needs in advance.





SAFE & GREEN SUSTAINABILITY IS AUTOMATIC

SAFEzone. EVERYTHING IS EASIER, EVERYTHING IS SAFER.

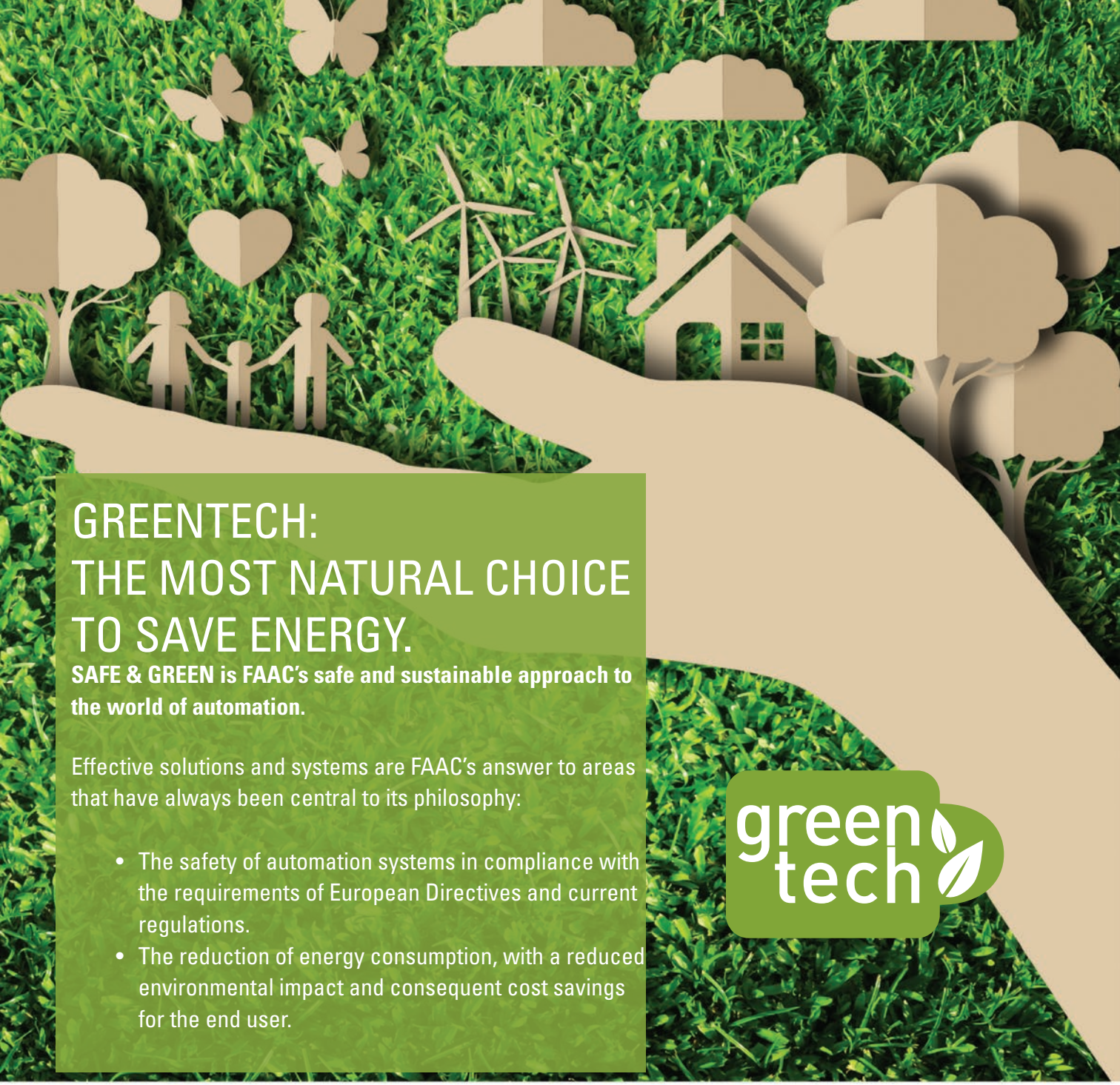
With SAFEzone, FAAC identifies systems conducive to more convenient installation of automation systems in compliance with the requirements of the European Directive currently in force (Machinery Directive 2006/42/EC) on safety.
SAFEzone includes a range of FAAC solutions (Hydraulic and electromechanical operators with 24Vdc and 230Vac power supply) that, by means of the use of new control boards and/or new devices like the absolute encoder SAFEcoder **(FAAC patent)**, allow not only the realization of new installations in compliance with the Euro Norm requirements, but also the up-grade of existing installations with no need to replace the automations already installed.

safe zone

SAFECODER: THE HEART OF SAFETY

The new absolute encoder SAFEcoder guarantees complete movement control, reverse on obstacle detection and offers the following advantages:

- It can be installed on all FAAC automations: for swing, hydraulic and electromechanic, 230V e 24V;
- can be installed on existing FAAC installations without the need to modify the brackets or installation dimensions;
- allows you to automatically, and with extreme precision, set the deceleration and stop positions with no need for electric limit switches;
- allows you to prevent the motor from pushing against the mechanical stops and, consequently, increases the lifetime of the installation and avoids energy waste;
- allows you to eliminate mechanical travel stops by manually setting the stop positions, even for partial openings;
- avoids abnormal movements after power failure (the absolute encoder always keeps in memory the leaf position).



GREENTECH: THE MOST NATURAL CHOICE TO SAVE ENERGY.

SAFE & GREEN is FAAC's safe and sustainable approach to the world of automation.

Effective solutions and systems are FAAC's answer to areas that have always been central to its philosophy:

- The safety of automation systems in compliance with the requirements of European Directives and current regulations.
- The reduction of energy consumption, with a reduced environmental impact and consequent cost savings for the end user.

green tech

With GREENTECH, FAAC identifies systems and/or devices which are a combination of latest generation electronic control boards and mechanical innovations and innovative patented solutions that allow a significant reduction of energy consumption and on-going installation running costs such as:

- use of switching power supply devices with very high efficiency instead of traditional laminated or toroidal transformers on the control boards;
- opening and closing time optimising systems (Energy Saving) of pedestrian ways (automatic doors)
- control units that can enable stand-by modes to reduce power consumption when the automatic system is not in operation;

The aim is increased environmental friendliness and tangible advantages for the end user, stemming from the quantifiable reduction in energy costs for managing the automation system. All the above is achieved without jeopardising the high performance level of FAAC automated systems.

SIMPLY CONNECT

BE AUTOMATIC, BE CONNECTED

MANAGE YOUR SYSTEMS TODAY WITH A SIMPLE TOUCH.

Simply Connect is the smart solution
that allows you to interact remotely with your automations,
at any time and from anywhere.



Simply innovative. Simply practical. Simply FAAC.



Simply Connect PRO
for the Professional

- Program without having to access the electronic control board
- Real-time fault and malfunction notifications
- Monitoring, also remotely
- Single dashboard for the management of all your automations
- Integrated calendar to improve appointment scheduling
- Improved service for your clients
- Lower operating costs

Simply Connect
for the User

- A single App to open, close and control all your automations
- Authorized user management
- Real-time automation status or fault notifications
- Camera monitoring of the access associated with the automation



SAFE AND SECURE FOR EVERYONE

A communication protocol based on E2EE encryption (End-to-End Encryption) ensures the integrity and confidentiality of data in compliance with the personal data protection regulations indicated in GDPR 2016/679.

Find out more

pages 58 to 61 products and applications

SIMPLY CONNECT

www.faacsimplyconnect.com

THE FAAC KEYWORD: CERTIFIED QUALITY



Performance, reliability and price are the basic requirements behind each FAAC product.
To maintain the same high quality levels that have always characterised our products, the company continuously invests in technological innovation, production methods and organisation.

Certification is as important as innovation
FAAC and certification go hand in hand. To start with, FAAC's Quality Management System is UNI EN ISO 9001:2015 certified.

The most important certification is our DNA.
Our trademarks, patents and certifications all testify 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.

Innovation, one step after another.

SIMPLY CONNECT — Identifies the electronic board compatible with optional modules that allow the automations to be controlled remotely. If the board is supplied as a standard component of an automation system, the product will be identified by this logo.

energy saving — Identifies automatic doors fitted with a device that identifies the direction of movement and assesses a person's intention to go through the doorway, and uses this data to optimise opening and closing times and prevent needless loss of indoor air.



Microwave sensor



Infrared sensor



Double technology sensor


Touchless sensor


Photocells

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TYPE OF INSTALLATION

Automated systems for sliding doors

Model	Passage opening	Weight	Available versions
A1000	from 700 to 3000 mm	110 / 70 + 70 kg	standard
A1400 AIR	from 700 to 3000 mm	200 / 120 + 120 kg	standard, self-supported
A1400 AIR T	from 1100 to 4000 mm	110 + 110 / 4x60 Kg	telescopic, self-supported
A1400 AIR DM	from 800 to 3000 mm	250 / 180 + 180 Kg	double motor
A1400 AIR RD	from 800 to 3000 mm	150 / 120 + 120 Kg	standard, self-supported
A1400 AIR RD T	from 1100 to 4000 mm	110 + 110 / 4x60 Kg	telescopic, self-supported
A1400 AIR RDF	from 800 to 3000 mm	150 / 120 + 120 Kg	standard
A1400 AIR RDF T	from 1100 to 4000 mm	110 + 110 / 4x60 Kg	telescopic
See the relevant section for details			



MADE IN ITALY

The reliability of the products is assured by a careful choice of the materials used and by 100% production testing.

Typical Installation Examples page. 218

Order form

Automated systems for sliding doors

Date **Ord. N.** **Customer Code**

Recipient **Ph.**

Customer

Address **ZIP code** **City** **Province**

Configuration of the automated system

Model:

o single left leaf
o single right leaf
o two leaves
o telescopic
o self-supporting
o double motor

Note: for defining the opening direction of the single leaf (right or left) see Form A.

Passage opening: **mm**

Standard head section length: **mm**

Non-standard head section length: fill in Form B (see page 13)

Note: the head section length (LT) is determined by the width of the passage opening (VP) according to the formula:

Standard models: LT= VP x 2 + 100 mm

Telescopic models: LT=VP x 1.5 + 100 mm

Overlapping between fixed and mobile leaf is considered in the following way:

Single leaf: 50 mm (+ 50 mm for the closing stop)
Two leaves: 50 + 50 mm

If the overlap is different, the **LT** *formulas vary accordingly.*

Supplied accessories installed on demand

(Please tick the appropriate boxes)

o Cover in natural aluminium
o Cover in anodised aluminium
o Colored anodized carter
o RAL standard painted carter
o Bi-stable motor lock with internal release
o Monostable motor lock
o Motoring on motor lock
o Emergency batteries

(Please tick the appropriate boxes)

Cover height
- o 100 mm
- o 140 mm (A1400 only, no telescopic)

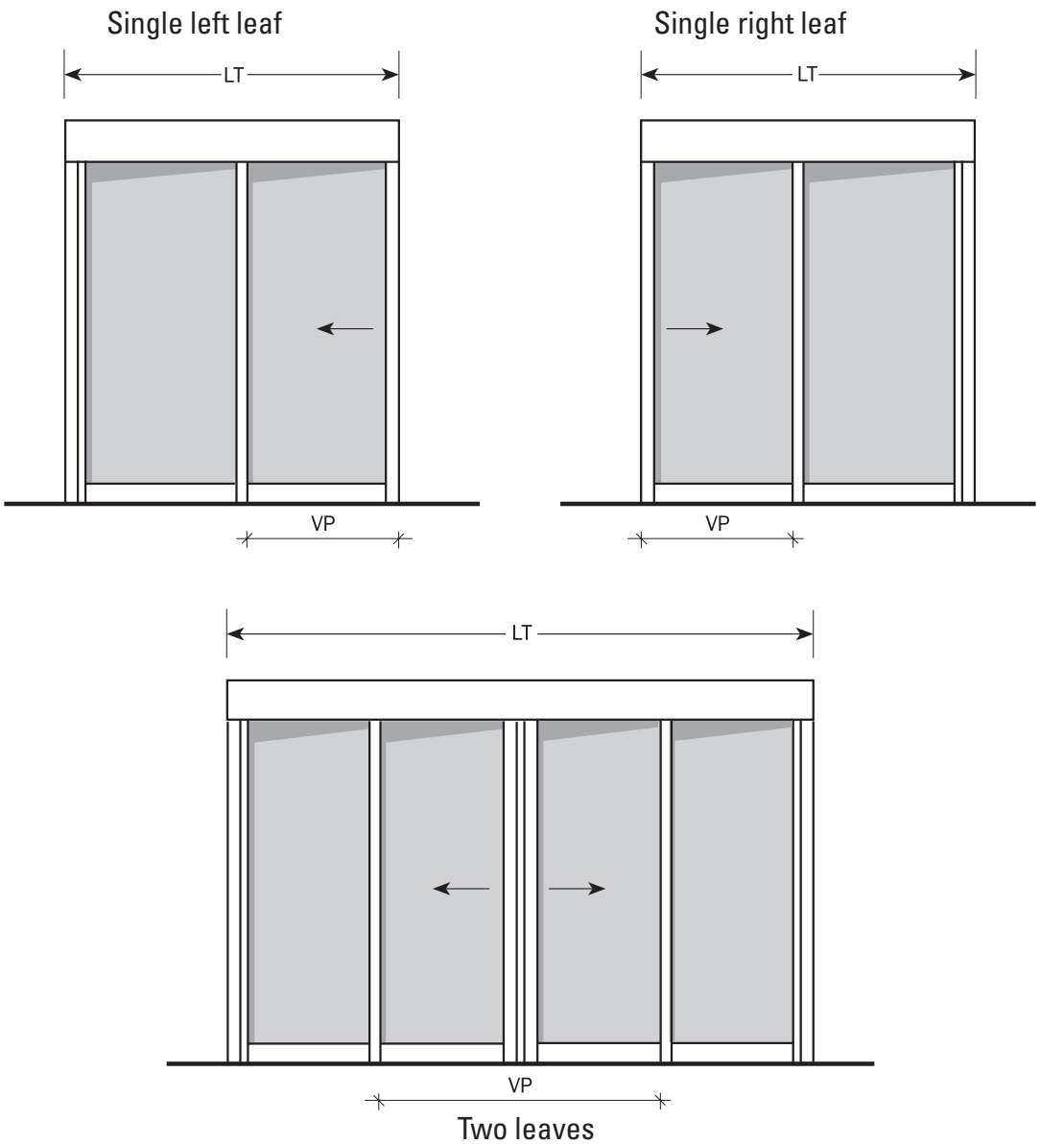
Leaf connection profile o
Carriage spacer o
Function keypad
- o LK EVO
- o SDK EVO
- o KS EVO

For other accessories please refer to the pricelist

Form A

Definition of opening direction and standard sizing

dimensions in mm

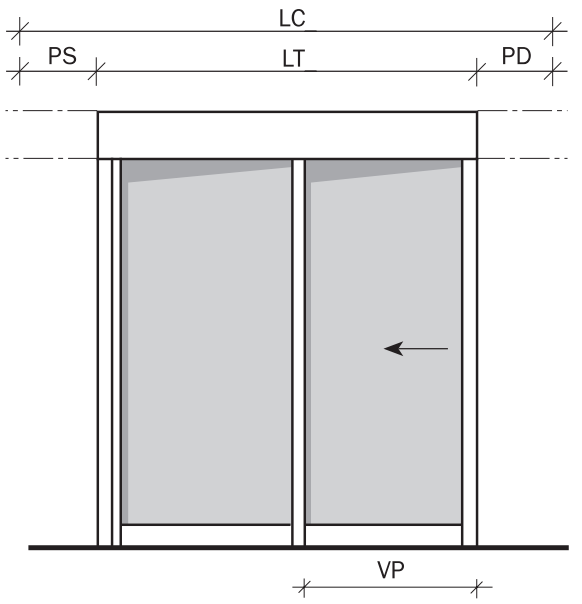


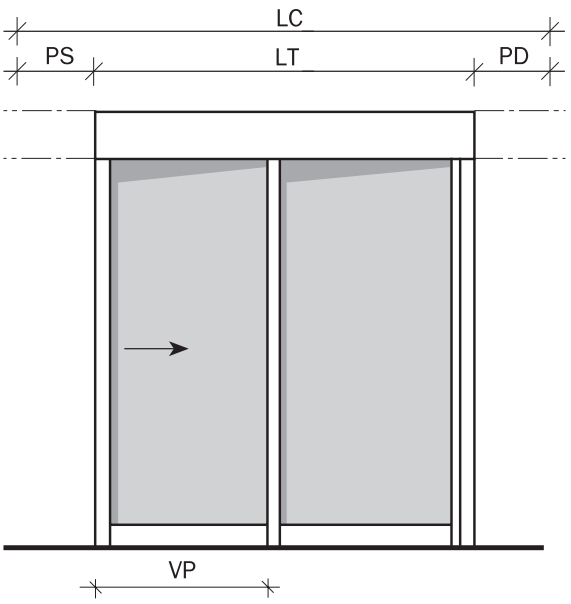
VP: passage opening
LT: head section length
Note: the opening direction is determined from the inspection side

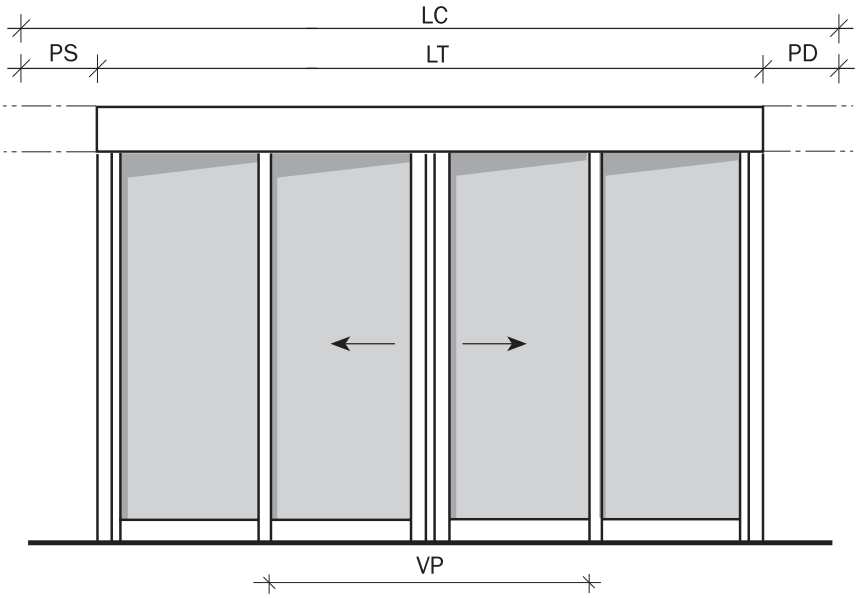
Form B

Non-standard sizing

dimensions in mm







VP: passage opening
LT: head section length
PS: left head section extension
PD: right head section extension
LC: overall head section length
Note: the opening direction is determined from the inspection side

AUTOMATED SYSTEMS FOR SLIDING DOORS

A1000

AUTOMATED SYSTEMS FOR SLIDING DOORS

A1000

A1000

Automated system for sliding doors

Passage opening

700 - 3.000 mm

Max. leaf weight

110 - 2x70 Kg



- FAAC A1000 SERIES automated systems are intended for the automation of exits in compliance with European Standard EN16005; in fact they are able to meet the most strict security standards according to EN 13489-1 PI "c".
- Thanks to its small dimensions the A1000 is suitable for every architectural environment also in case of small places
- Thanks to its multiple use, A1000 is suitable for single leaf sliding doors weigthing 110 Kg or double leaves sliding doors weighing 70 + 70 Kg.

TECHNICAL SPECIFICATIONS

Model	**A1000**
Power supply voltage	220-240 V~ - 50/60 Hz
Max. power	140 W
standby power	3 W
Use frequency	100%
Max leaf width	60 mm
Electric motor	Motor powered at 36V ⎓ with encoder
Max. accessories load	1A - 24V ⎓
Type of traction	By means of toothed belt
Opening leaf time	10 ÷ 60 cm/s (1 leaf) - 10 ÷ 140 cm/s (2 leaves)
Closing leaf time	10 ÷ 60 cm/s (1 leaf) - 10 ÷ 140 cm/s (2 leaves)
Partial opening adjustment	5% ÷ 100% of total opening
Pause time	0 - 30 s
Night pause time	0 - 240 s
Encoder	As standard
Protection sensor monitoring (EN16005)	As standard (may be excluded)
Low energy movement (EN16005)	As standard (may be excluded)
Operating ambient temperature	-20°C ÷ +55°C
Protection class	IP 23 (for internal use only)
Compliance with regulations	EN 16005; EN 13489-1 PI "c" ; EN 13489-2; EN 60335-1; EN 60335-2; EN ISO 12100; EN 61000-6-2; EN 61000-6-3

FAMILY MODELS

Item code	Model	Leaf	Passage opening mm	Max. leaf weight kg	Self-supporting (head section length) mm
105057PA	A1000	single	700 ÷ 3.000	110	no
	A1000	double	800 ÷ 3.000	70 + 70	no

THE COMPLETE SPECIAL ENTRANCE A1000 INCLUDES THE FOLLOWING COMPONENTS:

E1SL CONTROL UNIT

- E1SL Control Unit - the same as is used on the A1000 and A1400 with characteristics that comply with the safety requirements of European standard EN 16005
- 230 V~ switching power supply unit
- Specific, coloured and removable terminal boards
- Programming of basic functions: automatic, night, door open, one-directional, partial, manual
- Automatic adjustments
  - Definition of open and closed positions
  - Selection of optimal speed, acceleration and deceleration
  - Sensor monitoring in compliance with EN 16005
  - Anti-crushing safety device in compliance with EN 16005
  - Possibility of adjusting speed and SET UP execution directly on the board (without the aid of external programmers)
- RESET function
- 2 configurable output contacts
- N. 4 configurable input contacts
- 2 configurable emergency input contacts
- N. 2 programmable monitored safety sensor inputs EN16005
- Interlock function
- 'Gong' function
- 'Courtesy lights' function
- Immediate closing' function
- LCD display to view the door statuses, the fault diagnostics and programming
- 3 buttons for BASIC programming of:
  - number of leaves
  - pause time
  - energy saving
  - night pause
  - opening and closing speed
  - opening and closing thrust force
  - thrust force time
  - interior/exterior detector programming
  - emergency configuration
- 3 buttons for ADVANCED programming of:
  - monitored protection sensor management
  - input configuration
  - pharmacy function
  - motor block
  - motoring on motor lock
  - night function input delay
  - output configuration
- Firmware update and download/upload of some information (configurations, timers, log files) through the USB drive

SUPPORTING PROFILE

- In extruded anodized aluminium, slotted for height and width adjustment
- Dimensions (HxD) 100 x 150 mm
- Sliding track integrated in profile

FRONT COVER

- Available in natural and anodised aluminium, 100 mm high with 'L' shape
- Safety parachute, easy to assemble with head section to prevent cover fall
- Knockouts to adapt leaves of different thickness (max. 60 mm)
- Hinge seat on the supporting profile isolated from the same by anti-vibration supports (open cover by rotating upwards)
- Designed for locking in open position for maintenance

DRIVE UNIT COMPLETE WITH:

- Gearmotor powered at 36 V with optical encoder
- E1SL Control Unit
- Return pulley with screw adjustment device for belt tensioning
- Electro-conductive transmission belt
- 2 carriages (A1000 1 leaf) or 4 carriages (A1000 2 leaves)
- Power supply unit with switching power supply with low energy consumption (GREENtech)

CARRIAGES

- Die-cast aluminium structure
- Two bearing wheels manufactured in polyamide
- Nylon counterthrust roller on bearing
- Carriage height adjustment ± 7.5 mm
- Lateral adjustments +/- 10 mm
- Extruded aluminium leaf connection profile
- Brush for sliding track cleaning

A1000

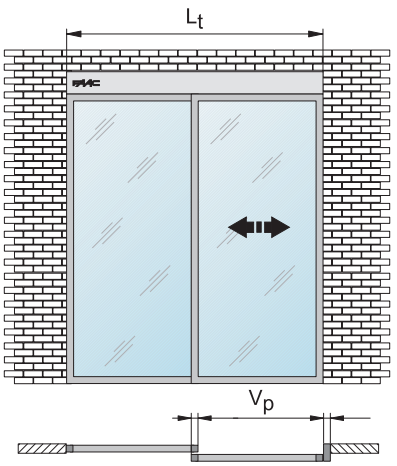
Automated system for 1 or 2 leaves

Item Code: 105057PA

CONTINUOUS SERVICE
Function keypad not included. Leaf connection profiles included
Head section length Lt = 2 Vp + 100 mm

A1000 - 1 LEAF, MAX. WEIGHT 110 KG

Model	dimensions	
	Passage opening mm (Vp)	Head section length mm (Lt)
A1000 PA 1-07	700	1.500
A1000 PA 1-08	800	1.700
A1000 PA 1-09	900	1.900
A1000 PA 1-10	1.000	2.100
A1000 PA 1-11	1.100	2.300
A1000 PA 1-12	1.200	2.500
A1000 PA 1-13	1.300	2.700
A1000 PA 1-14	1.400	2.900
A1000 PA 1-15	1.500	3.100
A1000 PA 1-16	1.600	3.300
A1000 PA 1-17	1.700	3.500
A1000 PA 1-18	1.800	3.700
A1000 PA 1-19	1.900	3.900
A1000 PA 1-20	2.000	4.100
A1000 PA 1-22	2.200	4.500
A1000 PA 1-24	2.400	4.900
A1000 PA 1-25	2.500	5.100
A1000 PA 1-27	2.700	5.500
A1000 PA 1-30	3.000	6.100



HOW TO ORDER AUTOMATED SYSTEMS

1. For filling up the order correctly, use the specific ORDER FORM.
2. For defining the OPENING DIRECTION and STANDARD SIZING, please refer to FORM A.
3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

Extra charge for non-standard RAL: consider € 364.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

A1000

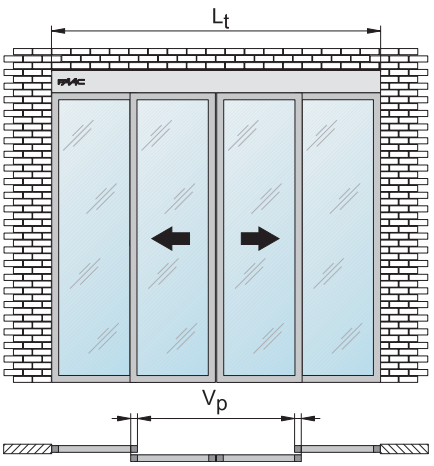
Automated system for 1 or 2 leaves

Item Code: 105057PA

CONTINUOUS SERVICE
Function keypad not included. Leaf connection profiles included
Head section length Lt = 2 Vp + 100 mm

A1000 - 2 LEAVES, MAX. WEIGHT 70 + 70 KG

Model	dimensions Passage opening mm (Vp)	Head section length mm (Lt)
A1000 PA 2-08	800	1.700
A1000 PA 2-09	900	1.900
A1000 PA 2-10	1.000	2.100
A1000 PA 2-11	1.100	2.300
A1000 PA 2-12	1.200	2.500
A1000 PA 2-13	1.300	2.700
A1000 PA 2-14	1.400	2.900
A1000 PA 2-15	1.500	3.100
A1000 PA 2-16	1.600	3.300
A1000 PA 2-17	1.700	3.500
A1000 PA 2-18	1.800	3.700
A1000 PA 2-19	1.900	3.900
A1000 PA 2-20	2.000	4.100
A1000 PA 2-22	2.200	4.500
A1000 PA 2-24	2.400	4.900
A1000 PA 2-25	2.500	5.100
A1000 PA 2-27	2.700	5.500
A1000 PA 2-30	3.000	6.100



HOW TO ORDER AUTOMATED SYSTEMS

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Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

A1000

ACCESSORIES



XB LOCK Bi-stable motor lock A1000 w/knob

105124

- The block operates directly on the motor and guarantees mechanical locking of the door in any position.
- Operated by internal release knob and set-up for external release installation
- Unlocking allows the door to be opened in the case of emergency
- Management of the motor block integrated into the CONTROL UNIT
- The system operates mechanically on the motor block and sends an opening command to the CONTROL UNIT
- If emergency batteries are installed, the release system controls the motorised door opening even in the event of power failure
- During standard operation, the motor block is only active in NIGHT function.
- For specific requirements, the motor block can also operate in ONE-DIRECTIONAL, AUTOMATIC and PARTIAL mode. Moreover, with the PARTIAL OPENING operating function, the motor block is active both with closed leaves and with open leaves (pharmacy opening)
- There is only one motor block both for single leaf or double leaf applications



Motor block and leaf position supervision

105125

- Magnetic device for controlling that the lock operates correctly and for verifying leaf lock in closing position
- In the case of lock malfunction, an error condition is indicated on the function keypad and the control board
- Set-up for remote switching-on of a warning light or an acoustic signal in the event that the leaves are not in the closing position or in case of motor block faults



Emergency batteries for E1SL

105504

- Without power supply, independent operation of the automated system is guaranteed for 30 minutes continuously
- Management of the recharge and control of the charge status of the batteries integrated into the unit
- Automatic battery status test and low battery warning with the possibility of being transmitted to a remote location.
- Set-up for operation:
  - opening only
  - closing only
  - continuous operation (with possibility to select the last operation before running down).

>>



Natural aluminium closing profile (3m bar)

105272



Anodised aluminium closing profile (3m bar)

105273

ACCESSORIES FOR FRAMED LEAF



Lower guide profile (3m bar)

390707



Swivel sliding block (the lower guide profile is necessary)

390794



Pair of lower sliding blocks with bracket (the lower guide profile is necessary)

390771



Lower guide profile brush H=25
(1,5 m bars)

709981



Lower guide profile brush H=19
(2 bars of 1,5m each)

709982

ACCESSORIES FOR SAFETY



Active threshold safety infrared, microwave, double technology sensor XV1

105108



Active threshold safety infrared, microwave, double technology sensor XDT1

105114

FUNCTION KEYPADS/SELECTORS



SDK EVO function keypad

790019



LK EVO Function Selector

790024



Key function selector KS EVO

790942

ACCESSORIES FOR GLASS LEAVES (NOT TELESCOPIC)



Profile for crystal leaf connection



Crystal leaf lower sliding block pair

Description	Finish	Length	Code
Aluminium profile for glass leaf	Natural	3 m	390712
connection (thickness 10-11 mm)	anodised	3 m	390715
Pair of lower sliding blocks	-	120 mm each	722189

OTHER ACCESSORIES

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AUTOMATED SYSTEMS FOR SLIDING DOORS

AUTOMATED SYSTEMS FOR SLIDING DOORS

A1400 AIR

Here comes the future

The first automated system for sliding doors designed to meet the market requirements and conceived to protect our environment.

A1400 AIR is the first automated system that respects our planet.

Thanks to its innovative 'Energy Saving' device, it identifies the walking path and perfectly optimises opening/closing times thus avoiding unnecessary air dispersal, even in the event of cross traffic. This device enables to save energy and optimizes the temperature sudden changes inside the room and close to the same doors.

And all this in total safety.

A1400 AIR is the automated system that can be customised and composed according to the technical and architectural needs of the customer. The best technical and architectural solutions can be accomplished thanks to two different housing covers, to the exclusive leaf attachment systems and the different leaf profiles.

energy saving

A1400 AIR

Automated system for sliding doors

Passage opening

700 - 3,000 mm standard version
1100 - 4,000 mm telescopic version
800 - 3,000 mm DM version



Max. leaf weight

200-2x110 / 2x120-4x60 Kg (telescopic version)
250-2x180 Kg (DM version)

- FAAC A1400 AIR SERIES automated systems are intended for the automation of exits in compliance with European Standard EN16005; in fact they are able to meet the most strict security standards according to EN 13489-1 PI "c".
- Thanks to its innovative 'Energy Saving' device, it identifies the walking path and perfectly optimises opening/closing times thus avoiding unnecessary air dispersal, even in the event of cross traffic.

safe zone · green tech · SIMPLY CONNECT · energy saving · EN16005 · CE

TECHNICAL SPECIFICATIONS

Model	A1400 AIR
Power supply voltage	220-240 V~ - 50/60 Hz
Max. power	140 W
standby power	3 W
Use frequency	100%
Max leaf width	65 mm
Electric motor	Motor powered at 36V ⎓ with encoder
Max. accessories load	1A - 24V ⎓
Type of traction	By means of toothed belt
Opening leaf time	10 ÷ 60 cm/s (1 leaf) - 20 ÷ 120 cm/s (two leaves)
Closing leaf time	10 ÷ 60 cm/s (1 leaf) - 20 ÷ 120 cm/s (two leaves)
Partial opening adjustment	5% - 95% of total opening
Pause time	0 - 30 s or Energy Saving function
Night pause time	0 - 240 s
Encoder	As standard
Protection sensor monitoring (EN16005)	As standard (may be excluded)
Low energy movement (EN16005)	As standard (may be excluded)
Operating ambient temperature	-20°C ÷ +55°C
Protection class	IP 23 (for internal use only)
Compliance with regulations	EN 16005; EN 13489-1 PI "c" ; EN 13489-2; EN 60335-1; EN 60335-2; EN ISO 12100; EN 61000-6-2; EN 61000-6-3

FAMILY MODELS

Item code	Model	Leaves	Passage opening (mm)	Max. leaf weight (kg)	Self-supporting
105037PA	A1400 AIR 1	single	700 ÷ 3000	200	no
	A1400 AIR 2	double	800 ÷ 3000	120+120	no
	A1400 AIR A 1	single	700 ÷ 3000	200	yes
	A1400 AIR A 2	double	800 ÷ 3000	120+120	yes
	A1400 AIR DM 1	single	800 ÷ 3000	250	no
	A1400 AIR DM 2	double	900 ÷ 3000	180+180	no
105039PA	A1400 AIR T 2	single telescopic	1100 ÷ 3000	110+110	no
	A1400 AIR T 4	double telescopic	1400 ÷ 4000	60+60+60+60	no
	A1400 AIR A T 2	single telescopic	1100 ÷ 3000	110+110	yes
	A1400 AIR A T 4	double telescopic	1400 ÷ 4000	60+60+60+60	yes

THE COMPLETE SPECIAL ENTRANCE A1400 AIR INCLUDES THE FOLLOWING COMPONENTS:

E1SL CONTROL UNIT

- E1SL Control Unit - the same as is used on the A1000 and A1400 with characteristics that comply with the safety requirements of European standard EN 16005
- 230 V~ switching power supply unit
- Specific, coloured and removable terminal boards
- Programming of basic functions: automatic, night, door open, one-directional, partial, manual
- Automatic adjustments
  - Definition of open and closed positions
  - Selection of optimal speed, acceleration and deceleration
  - Sensor monitoring in compliance with EN 16005
  - Anti-crushing safety device in compliance with EN 16005
  - Possibility of adjusting speed and SET UP execution directly on the board (without the aid of external programmers)
- RESET function
- 2 configurable output contacts
- N. 4 configurable input contacts
- 2 configurable emergency input contacts
- N. 2 programmable monitored safety sensor inputs EN16005
- Interlock function
- 'Gong' function
- 'Courtesy lights' function
- Immediate closing' function
- LCD display to view the door statuses, the fault diagnostics and programming
- 3 buttons for BASIC programming of:
  - number of leaves
  - pause time
  - energy saving
  - night pause
  - opening and closing speed
  - opening and closing thrust force
  - thrust force time
  - interior/exterior detector programming
  - emergency configuration
- 3 buttons for ADVANCED programming of:
  - monitored protection sensor management
  - input configuration
  - pharmacy function
  - motor block
  - motoring on motor lock
  - night function input delay
  - output configuration
- Firmware update and download/upload of some information (configurations, timers, log files) through the USB drive

SUPPORTING PROFILE

- In extruded anodized aluminium, slotted for height and width adjustment
- Dimensions (height x width) 100/140 x 166 mm
- Sliding track integrated in profile

FRONT COVER

- Available in natural and anodised aluminium, 100 mm or 140 mm high, with 'L' shape
- Safety parachute, easy to assemble with head section to prevent cover fall
- Knockouts to adapt leaves of different thickness (max. 60 mm)
- Hinge seat on the supporting profile isolated from the same by anti-vibration supports (open cover by rotating upwards)
- Designed for locking in open position for maintenance

A1400 AIR DRIVE UNIT COMPLETE WITH:

- Main gearmotor powered at 24 V with optical encoder
- E1400 microprocessor control unit
- Return pulley with screw adjustment device for belt tensioning
- Electro-conductive transmission belt
- 2 carriages (1 mobile leaf version) or 4 carriages (2 leaf version)
- Power supply unit with switching power supply with low energy consumption (GREENtech)

A1400 AIR DRIVE UNIT COMPLETE WITH:

- Main gearmotor powered at 36 V with optical encoder
- 36V secondary gearmotor with adjustment device for belt tensioning in the double motor version
- Return pulley with screw adjustment device for belt tensioning
- E1400 microprocessor control unit
- Electro-conductive transmission belt 12 mm
- 2 carriages (1 mobile leaf version) or 4 carriages (2 leaf version)
- Power supply unit with switching power supply with low energy consumption (GREENtech)

A1400 AIR T DRIVE UNIT COMPLETE WITH:

- Main gearmotor powered at 36 V with optical encoder
- Return pulley with screw adjustment device for belt tensioning
- E1400 microprocessor control unit
- Electro-conductive transmission belt 12 mm
- N. 4 carriages (version AIR T2) or n. 8 carriages (version AIR T4)
- Power supply unit with switching power supply with low energy consumption (GREENtech)

CARRIAGES

- Galvanised steel structure
- N. 2 synthetic sliding wheels on bearing and reinforced for DM version
- Nylon counterthrust roller on bearing
- Height adjustment ± 7.5 mm via screw
- Lateral adjustments ± 10 mm
- Extruded aluminium leaf connection profile or spacers
- Brush for sliding track cleaning

A1400 AIR

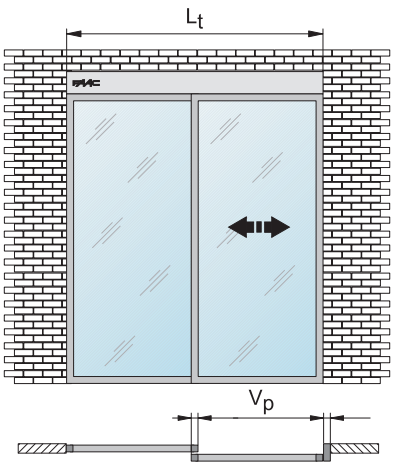
Automated system for 1 or 2 leaves

Item Code: 105037PA

CONTINUOUS SERVICE
SDK EVO function keyboard and leaf connection profile not included
Head section length Lt = 2 Vp + 100 mm

A1400 AIR 1 LEAF MAX. WEIGHT 200 KG

Model	dimensions	
	Recess passage mm (Vp)	Length head section mm (Lt)
A1400 AIR A PA 1-07	700	1.500
A1400 AIR A PA 1-08	800	1.700
A1400 AIR A PA 1-09	900	1.900
A1400 AIR A PA 1-10	1.000	2.100
A1400 AIR A PA 1-11	1.100	2.300
A1400 AIR A PA 1-12	1.200	2.500
A1400 AIR A PA 1-13	1.300	2.700
A1400 AIR A PA 1-14	1.400	2.900
A1400 AIR A PA 1-15	1.500	3.100
A1400 AIR A PA 1-16	1.600	3.300
A1400 AIR A PA 1-17	1.700	3.500
A1400 AIR A PA 1-18	1.800	3.700
A1400 AIR A PA 1-19	1.900	3.900
A1400 AIR A PA 1-20	2.000	4.100
A1400 AIR A PA 1-22	2.200	4.500
A1400 AIR A PA 1-24	2.400	4.900
A1400 AIR A PA 1-25	2.500	5.100
A1400 AIR A PA 1-27	2.700	5.500
A1400 AIR A PA 1-30	3.000	6.100



HOW TO ORDER AUTOMATED SYSTEMS

1. For filling up the order correctly, use the specific ORDER FORM.
2. For defining the OPENING DIRECTION and STANDARD SIZING, please refer to FORM A.
3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

Extra charge for non-standard RAL: consider € 364.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

A1400 AIR

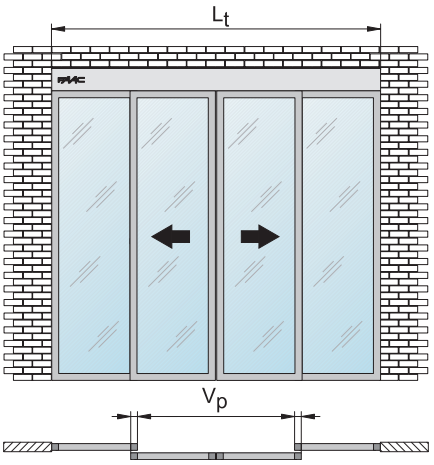
Automated system for 1 or 2 leaves

Item Code: 105037PA

CONTINUOUS SERVICE
SDK EVO function keyboard and leaf connection profile not included
Head section length Lt = 2 Vp + 100 mm

A1400 AIR 2 LEAVES MAX. WEIGHT 120 + 120 KG

Model	dimensions	
	Passage opening mm (Vp)	Head section length mm (Lt)
A1400 AIR PA 2-08	800	1.700
A1400 AIR PA 2-09	900	1.900
A1400 AIR PA 2-10	1.000	2.100
A1400 AIR PA 2-11	1.100	2.300
A1400 AIR PA 2-12	1.200	2.500
A1400 AIR PA 2-13	1.300	2.700
A1400 AIR PA 2-14	1.400	2.900
A1400 AIR PA 2-15	1.500	3.100
A1400 AIR PA 2-16	1.600	3.300
A1400 AIR PA 2-17	1.700	3.500
A1400 AIR PA 2-18	1.800	3.700
A1400 AIR PA 2-19	1.900	3.900
A1400 AIR PA 2-20	2.000	4.100
A1400 AIR PA 2-22	2.200	4.500
A1400 AIR PA 2-24	2.400	4.900
A1400 AIR PA 2-25	2.500	5.100
A1400 AIR PA 2-27	2.700	5.500
A1400 AIR PA 2-30	3.000	6.100



HOW TO ORDER AUTOMATED SYSTEMS

1. For filling up the order correctly, use the specific ORDER FORM.
2. For defining the OPENING DIRECTION and STANDARD SIZING, please refer to FORM A.
3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

Extra charge for non-standard RAL: consider € 364.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

A1400 AIR A

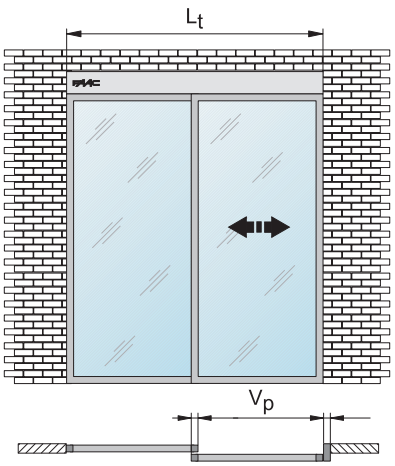
Item Code: 105037PA

Self-supporting automated system for 1 or 2 leaves

CONTINUOUS SERVICE
SDK EVO function keyboard and leaf connection profile not included
Head section length Lt = 2 Vp + 100 mm

A1400 AIR SELF-SUPPORTING 1 LEAF MAX. WEIGHT 200 KG

	dimensions	
Model	Recess passage mm (Vp)	Length head section mm (Lt)
A1400 AIR A PA 1-07	700	1.500
A1400 AIR A PA 1-08	800	1.700
A1400 AIR A PA 1-09	900	1.900
A1400 AIR A PA 1-10	1.000	2.100
A1400 AIR A PA 1-11	1.100	2.300
A1400 AIR A PA 1-12	1.200	2.500
A1400 AIR A PA 1-13	1.300	2.700
A1400 AIR A PA 1-14	1.400	2.900
A1400 AIR A PA 1-15	1.500	3.100
A1400 AIR A PA 1-16	1.600	3.300
A1400 AIR A PA 1-17	1.700	3.500
A1400 AIR A PA 1-18	1.800	3.700
A1400 AIR A PA 1-19	1.900	3.900
A1400 AIR A PA 1-20	2.000	4.100
A1400 AIR A PA 1-22	2.200	4.500
A1400 AIR A PA 1-24	2.400	4.900
A1400 AIR A PA 1-25	2.500	5.100
A1400 AIR A PA 1-27	2.700	5.500
A1400 AIR A PA 1-30	3.000	6.100



HOW TO ORDER AUTOMATED SYSTEMS

1. For filling up the order correctly, use the specific ORDER FORM.
2. For defining the OPENING DIRECTION and STANDARD SIZING, please refer to FORM A.
3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

Extra charge for non-standard RAL: consider € 364.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

A1400 AIR A

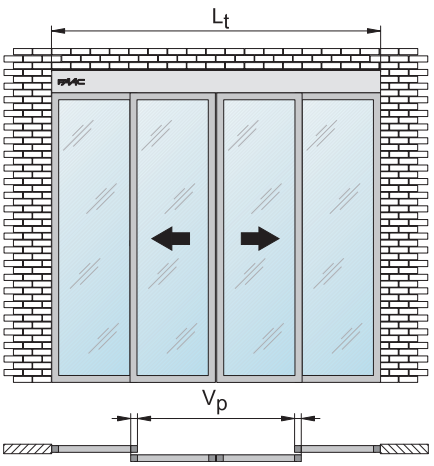
Item Code: 105037PA

Self-supporting automated system for 1 or 2 leaves

CONTINUOUS SERVICE
SDK EVO function keyboard and leaf connection profile not included
Head section length Lt = 2 Vp + 100 mm

A1400 AIR SELF-SUPPORTING 2 LEAVES MAX. WEIGHT 120 + 120 KG

Model	dimensions	
	Recess passage mm (Vp)	Length head section mm (Lt)
A1400 AIR A PA 2-08	800	1.700
A1400 AIR A PA 2-09	900	1.900
A1400 AIR A PA 2-10	1.000	2.100
A1400 AIR A PA 2-11	1.100	2.300
A1400 AIR A PA 2-12	1.200	2.500
A1400 AIR A PA 2-13	1.300	2.700
A1400 AIR A PA 2-14	1.400	2.900
A1400 AIR A PA 2-15	1.500	3.100
A1400 AIR A PA 2-16	1.600	3.300
A1400 AIR A PA 2-17	1.700	3.500
A1400 AIR A PA 2-18	1.800	3.700
A1400 AIR A PA 2-19	1.900	3.900
A1400 AIR A PA 2-20	2.000	4.100
A1400 AIR A PA 2-22	2.200	4.500
A1400 AIR A PA 2-24	2.400	4.900
A1400 AIR A PA 2-25	2.500	5.100
A1400 AIR A PA 2-27	2.700	5.500
A1400 AIR A PA 2-30	3.000	6.100



HOW TO ORDER AUTOMATED SYSTEMS

1. For filling up the order correctly, use the specific ORDER FORM.
2. For defining the OPENING DIRECTION and STANDARD SIZING, please refer to FORM A.
3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

Extra charge for non-standard RAL: consider € 364.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

A1400 AIR DM

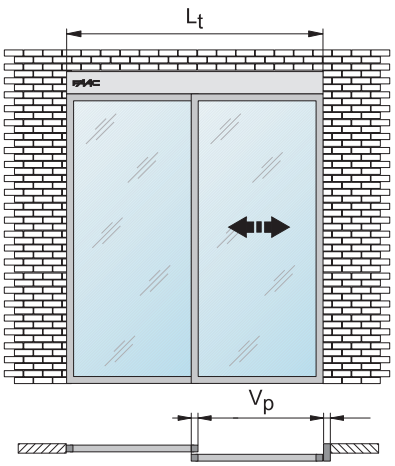
Automated system for 1 or 2 leaves

Item Code: 105037PA

CONTINUOUS SERVICE
SDK EVO function keyboard and leaf connection profile not included
Head section length Lt = 2 Vp + 100 mm

A1400 AIR DM 1 LEAF, MAX. WEIGHT 250 KG

Model	dimensions	
	Recess passage mm (Vp)	Length head section mm (Lt)
A1400 AIR DM PA 1-08	800	1.700
A1400 AIR DM PA 1-09	900	1.900
A1400 AIR DM PA 1-10	1.000	2.100
A1400 AIR DM PA 1-11	1.100	2.300
A1400 AIR DM PA 1-12	1.200	2.500
A1400 AIR DM PA 1-13	1.300	2.700
A1400 AIR DM PA 1-14	1.400	2.900
A1400 AIR DM PA 1-15	1.500	3.100
A1400 AIR DM PA 1-16	1.600	3.300
A1400 AIR DM PA 1-17	1.700	3.500
A1400 AIR DM PA 1-18	1.800	3.700
A1400 AIR DM PA 1-19	1.900	3.900
A1400 AIR DM PA 1-20	2.000	4.100
A1400 AIR DM PA 1-22	2.200	4.500
A1400 AIR DM PA 1-24	2.400	4.900
A1400 AIR DM PA 1-25	2.500	5.100
A1400 AIR DM PA 1-27	2.700	5.500
A1400 AIR DM PA 1-30	3.000	6.100



HOW TO ORDER AUTOMATED SYSTEMS

1. For filling up the order correctly, use the specific ORDER FORM.
2. For defining the OPENING DIRECTION and STANDARD SIZING, please refer to FORM A.
3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

Extra charge for non-standard RAL: consider € 364.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

A1400 AIR DM

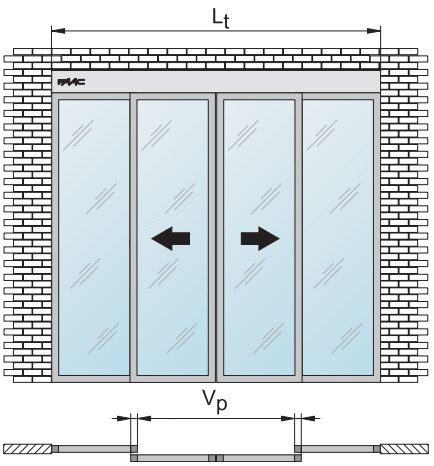
Automated system for 1 or 2 leaves

Item Code: 105037PA

CONTINUOUS SERVICE
SDK EVO function keyboard and leaf connection profile not included
Head section length Lt = 2 Vp + 100 mm

A1400 AIR DM 2 LEAVES MAX. WEIGHT 180 + 180 KG

Model	dimensions	
	Recess passage mm (Vp)	Length head section mm (Lt)
A1400 AIR DM PA 2-09	900	1.900
A1400 AIR DM PA 2-10	1.000	2.100
A1400 AIR DM PA 2-11	1.100	2.300
A1400 AIR DM PA 2-12	1.200	2.500
A1400 AIR DM PA 2-13	1.300	2.700
A1400 AIR DM PA 2-14	1.400	2.900
A1400 AIR DM PA 2-15	1.500	3.100
A1400 AIR DM PA 2-16	1.600	3.300
A1400 AIR DM PA 2-17	1.700	3.500
A1400 AIR DM PA 2-18	1.800	3.700
A1400 AIR DM PA 2-19	1.900	3.900
A1400 AIR DM PA 2-20	2.000	4.100
A1400 AIR DM PA 2-22	2.200	4.500
A1400 AIR DM PA 2-24	2.400	4.900
A1400 AIR DM PA 2-25	2.500	5.100
A1400 AIR DM PA 2-27	2.700	5.500
A1400 AIR DM PA 2-30	3.000	6.100



HOW TO ORDER AUTOMATED SYSTEMS

1. For filling up the order correctly, use the specific ORDER FORM.
2. For defining the OPENING DIRECTION and STANDARD SIZING, please refer to FORM A.
3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

Extra charge for non-standard RAL: consider € 364.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

Automated systems for sliding doors

2 or 4 telescopic leaves automation

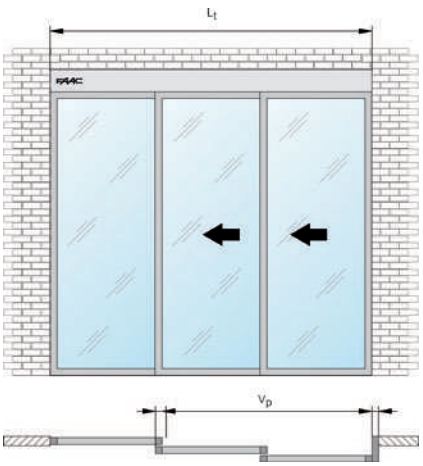
A1400 AIR T

Item Code: 105039PA

CONTINUOUS SERVICE
SDK EVO function keyboard and leaf connection profile not included
Head section length Lt = 1.5 Vp + 100 mm

A1400 AIR TELESCOPIC 2 LEAVES MAX. WEIGHT 110 + 110 KG

Model	dimensions	
	Recess passage mm (Vp)	Length head section mm (Lt)
A1400 AIR T PA 2-11	1.100	1.750
A1400 AIR T PA 2-12	1.200	1.900
A1400 AIR T PA 2-13	1.300	2.050
A1400 AIR T PA 2-14	1.400	2.200
A1400 AIR T PA 2-15	1.500	2.350
A1400 AIR T PA 2-16	1.600	2.500
A1400 AIR T PA 2-17	1.700	2.650
A1400 AIR T PA 2-18	1.800	2.800
A1400 AIR T PA 2-19	1.900	2.950
A1400 AIR T PA 2-20	2.000	3.100
A1400 AIR T PA 2-22	2.200	3.400
A1400 AIR T PA 2-24	2.400	3.700
A1400 AIR T PA 2-26	2.600	4.000
A1400 AIR T PA 2-28	2.800	4.300
A1400 AIR T PA 2-30	3.000	4.600



HOW TO ORDER AUTOMATED SYSTEMS

1. For filling up the order correctly, use the specific ORDER FORM.
2. For defining the OPENING DIRECTION and STANDARD SIZING, please refer to FORM A.
3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

Extra charge for non-standard RAL: consider € 364.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

Automated systems for sliding doors

A1400 AIR T

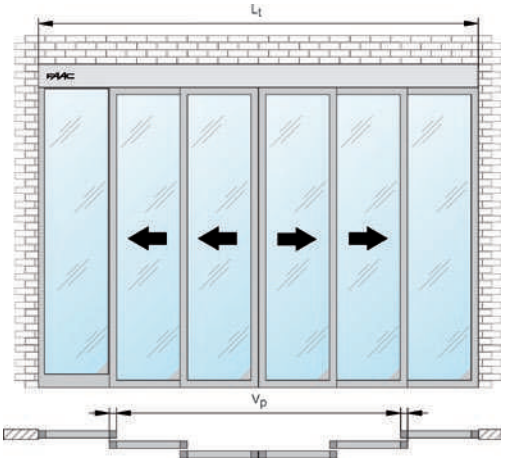
2 or 4 telescopic leaves automation

Item Code: 105039PA

CONTINUOUS SERVICE
SDK EVO function keyboard and leaf connection profile not included
Head section length Lt = 1.5 Vp + 100 mm

A1400 AIR TELESCOPIC 4 LEAVES MAX. WEIGHT 60 + 60 + 60 + 60 KG

Model	dimensions	
	Recess passage mm (Vp)	Length head section mm (Lt)
A1400 AIR T PA 4-14	1.400	2.200
A1400 AIR T PA 4-15	1.500	2.350
A1400 AIR T PA 4-16	1.600	2.500
A1400 AIR T PA 4-17	1.700	2.650
A1400 AIR T PA 4-18	1.800	2.800
A1400 AIR T PA 4-19	1.900	2.950
A1400 AIR T PA 4-20	2.000	3.100
A1400 AIR T PA 4-22	2.200	3.400
A1400 AIR T PA 4-24	2.400	3.700
A1400 AIR T PA 4-26	2.600	4.000
A1400 AIR T PA 4-28	2.800	4.300
A1400 AIR T PA 4-30	3.000	4.600
A1400 AIR T PA 4-32	3.200	4.900
A1400 AIR T PA 4-34	3.400	5.200
A1400 AIR T PA 4-36	3.600	5.500
A1400 AIR T PA 4-38	3.800	5.800
A1400 AIR T PA 4-40	4.000	6.100



HOW TO ORDER AUTOMATED SYSTEMS

1. For filling up the order correctly, use the specific ORDER FORM.
2. For defining the OPENING DIRECTION and STANDARD SIZING, please refer to FORM A.
3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

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** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

A1400 AIR A T

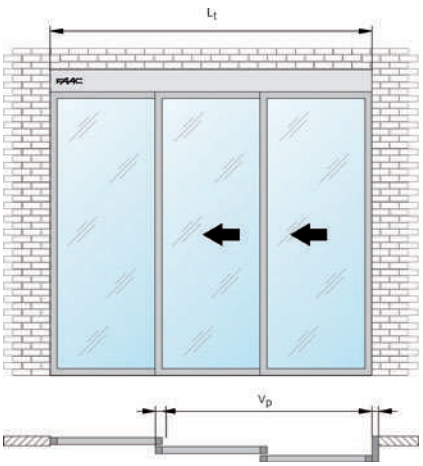
2 or 4 telescopic leaves automation

Item Code: 105039PA

CONTINUOUS SERVICE
SDK EVO function keyboard and leaf connection profile not included
Head section length Lt = 1.5 Vp + 100 mm

A1400 AIR TELESCOPIC 2 LEAVES MAX. WEIGHT 110 + 110 KG

Model	dimensions	
	Passage opening mm (Vp)	Head section length mm (Lt)
A1400 AIR A T PA 2-11	1.100	1.750
A1400 AIR A T PA 2-12	1.200	1.900
A1400 AIR A T PA 2-13	1.300	2.050
A1400 AIR A T PA 2-14	1.400	2.200
A1400 AIR A T PA 2-15	1.500	2.350
A1400 AIR A T PA 2-16	1.600	2.500
A1400 AIR A T PA 2-17	1.700	2.650
A1400 AIR A T PA 2-18	1.800	2.800
A1400 AIR A T PA 2-19	1.900	2.950
A1400 AIR A T PA 2-20	2.000	3.100
A1400 AIR A T PA 2-22	2.200	3.400
A1400 AIR A T PA 2-24	2.400	3.700
A1400 AIR A T PA 2-26	2.600	4.000
A1400 AIR A T PA 2-28	2.800	4.300
A1400 AIR A T PA 2-30	3.000	4.600



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A1400 AIR A T

2 or 4 telescopic leaves automation

Item Code: 105039PA

CONTINUOUS SERVICE
SDK EVO function keyboard and leaf connection profile not included
Head section length Lt = 1.5 Vp + 100 mm

A1400 AIR TELESCOPIC 4 LEAVES MAX. WEIGHT 60 + 60 + 60 + 60 KG

Model	dimensions	
	Passage opening mm (Vp)	Head section length mm (Lt)
A1400 AIR A T PA 4-14	1.400	2.200
A1400 AIR A T PA 4-15	1.500	2.350
A1400 AIR A T PA 4-16	1.600	2.500
A1400 AIR A T PA 4-17	1.700	2.650
A1400 AIR A T PA 4-18	1.800	2.800
A1400 AIR A T PA 4-19	1.900	2.950
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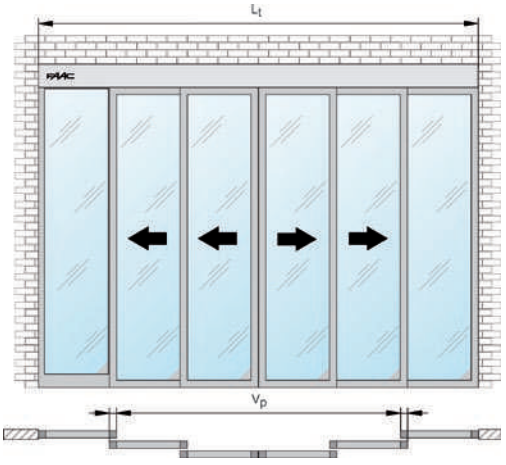

HOW TO ORDER AUTOMATED SYSTEMS

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Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

ACCESSORIES



XB LOCK Bi-stable motor lock A1400 w/knob

105502

- The block operates directly on the motor and guarantees mechanical locking of the door in any position.
- Operated by internal release knob and set-up for external release installation
- Unlocking allows the door to be opened in the case of emergency
- Management of the motor block integrated into the CONTROL UNIT
- The system operates mechanically on the motor block and sends an opening command to the CONTROL UNIT
- If emergency batteries are installed, the release system controls the motorised door opening even in the event of power failure
- During standard operation, the motor block is only active in NIGHT function.
- For specific requirements, the motor block can also operate in NIGHT AND OPEN, NIGHT, OPEN and DISABLED mode. Moreover, with the PARTIAL OPENING operating function, the motor block is active both with closed leaves and with open leaves (pharmacy opening)
- There is only one motor block both for single leaf or double leaf applications



XM LOCK Monostable motor lock A1400

105056

- The block operates directly on the motor and guarantees mechanical locking of the door in any position. You can use the same lock both for single and double leaves applications.
- When voltage is missing and battery is not present the lock will open automatically and allow people to move the door manually
- Management of the motor block integrated into the CONTROL UNIT
- During standard operation, the motor block is only active in NIGHT function.
- For specific requirements, the motor block can also operate in NIGHT AND OPEN, NIGHT, OPEN and DISABLED mode. Moreover, with the PARTIAL OPENING operating function, the motor block is active both with closed leaves and with open leaves (pharmacy opening)



Motor block and leaf position supervision

105125

- Microswitch for controlling that the motor block operates correctly and magnetic device for verifying leaf lock in closing position
- In the case of motor block malfunction, an error condition is indicated on the function keypad and the control board
- Set-up for remote switching-on of a warning light or an acoustic signal in the event that the leaves are not in the closing position or in case of motor block faults



Emergency batteries for E1SL

105504

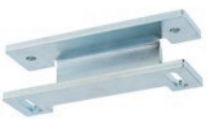
- Without power supply, independent operation of the automated system is guaranteed for 30 minutes continuously
- Management of the recharge and control of the charge status of the batteries integrated into the unit
- Automatic battery status test and low battery warning with the possibility of being transmitted to a remote location.
- Set-up for operation:
  - opening only
  - closing only
  - continuous operation (with possibility to select the last operation before running down).

ACCESSORIES FOR FRAMED LEAF



Leaf connection profile (3m bar)

390991



Carriage spacer A1400 AIR (4 pcs. pack for two mobile leaves)

390990



Lower guide profile (3m bar)

390707



Swivel sliding block (the lower guide profile is necessary)

390794



Pair of lower sliding blocks with bracket (the lower guide profile is necessary)

390771



Pair of lower sliding blocks with bracket for self-supporting (the lower guide profile is necessary)

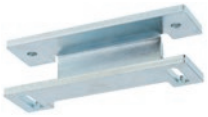
390772

ACCESSORIES FOR FRAMED LEAF



Leaf connection profile (3m bar)

390991



Carriage spacer A1400 AIR
(4 pcs. pack for two mobile leaves)

390990



Lower guide profile (3m bar)

390707



Swivel sliding block (the lower guide profile is necessary)

390794



Pair of lower sliding blocks with bracket (the lower guide profile is necessary)

390771



Pair of lower sliding blocks with bracket for self-supporting (the lower guide profile is necessary)

390772

>>



Lower guide profile brush H=25
(1,5 m bars)

709981



Lower guide profile brush H=19
(2 bars of 1,5m each)

709982

ACCESSORIES FOR OPENING/SAFETY



Active threshold safety infrared, microwave, double technology sensor XV1

105108



Active threshold safety infrared, microwave, double technology sensor XDT1

105114

FUNCTION KEYPADS/SELECTORS



SDK EVO function keypad

790019



LK EVO Function Selector

790024



Key function selector KS EVO

790942

ACCESSORIES FOR GLASS LEAVES (NOT TELESCOPIC)



Profile for crystal leaf connection



Crystal leaf lower sliding block pair

Description	Finish	Length	Code
Aluminium profile for glass leaf	Natural	3 m	390712
connection (thickness 10-11 mm)	anodised	3 m	390715
Pair of lower sliding blocks	-	120 mm each	722189

OTHER ACCESSORIES

Function keypad page 61

Photocells page 74

Radar and Sensors page 70

Pulse generators page 67

Profiles page 88

Installation drawings page 217

REDUNDANT AUTOMATED SYSTEMS FOR SLIDING DOORS ON ESCAPE ROUTES

A1400 AIR RD/RDF

REDUNDANT AUTOMATED SYSTEMS FOR SLIDING DOORS ON ESCAPE ROUTES

A1400 AIR RD/RDF

Redundant automated systems for sliding doors on escape routes

A1400 AIR RD/RDF

Automated systems for sliding doors on escape route

Passage opening

800 - 3.000 mm (1100 - 4.000 mm with telescopic version)

Max. leaf weight

150 - 2x120 / 2x110 - 4x60 Kg (telescopic version)



- The A1400 AIR RD/RDF automations for escape routes are compliant with EN 16005 and satisfy all the safety requirements of EN13489-1 PI.D.
- The FAAC A1400 AIR RDF automation is ideal for all entrances where manual opening from the outside has to be prevented, while maintaining the functionality of a redundant escape route.
- Thanks to the Energy Saving system it detects the direction of the passage, also lateral, and optimises the opening times avoiding air dispersions.

TECHNICAL SPECIFICATIONS

Model	A1400 AIR RD/RDF
Power supply voltage	220-240 V~ - 50/60 Hz
Max. power	140 W
standby power	3 W
Use frequency	100%
Max leaf width	65 mm
Electric motor	Motor powered at 36V ⎓ with encoder
Auxiliary motor	Motor powered at 36V ⎓
Max. accessories load	1A - 24V ⎓
Type of traction	By means of an electro-conductive toothed belt
Opening leaf time	10 - 75 cm/s (1 leaf) - 20 - 150 cm/s (2 leaves)
Closing leaf time	10 - 75 cm/s (1 leaf) - 20 - 150 cm/s (2 leaves)
Partial opening adjustment	5% - 95% of total opening
Pause time	0 - 30 s or Energy Saving function
Night pause time	0 - 240 s
Encoder	As standard
Protection sensor monitoring (EN16005)	As standard (may be excluded)
Low energy movement (EN16005)	As standard (may be excluded)
Operating ambient temperature	-20°C ÷ +55°C
Protection class	IP 23 (for internal use only)
Compliance with regulations	EN 16005; EN 13489-1 PI "d" CAT3; EN 13489-2; EN 60335-1; EN 60335-2; EN ISO 12100; EN 61000-6-2; EN 61000-6-3; DIN 18650-1: 2010; DIN 18650-2: 2010; AutSchR: 12/1997

FAMILY MODELS

Item code	Model	Leaves	Passage opening (mm)	Max leaf weight* (Kg)	Self-supporting
105140PA	A1400 AIR RD 1	single	800 ÷ 3000	150	no
	A1400 AIR RD 2	double	900 ÷ 3000	120+120	no
	A1400 AIR RDA 1	single	800 ÷ 3000	150	yes
	A1400 AIR RDA 2	double	900 ÷ 3000	120+120	yes
105038PA	A1400 AIR RD T 2	single telescopic	1100 ÷ 3000	110+110	no
	A1400 AIR RD T 4	double telescopic	1400 ÷ 4000	60+60+60+60	no
	A1400 AIR RDA T 2	single telescopic	1100 ÷ 3000	110+110	yes
	A1400 AIR RDA T 4	double telescopic	1400 ÷ 4000	60+60+60+60	yes
105059PA	A1400 AIR RDF 1	single	800 ÷ 3000	150	no
	A1400 AIR RDF 2	double	900 ÷ 3000	120+120	no
105060PA	A1400 AIR RDF T 2	single telescopic	1100 ÷ 3000	110+110	no
	A1400 AIR RDF T 4	double telescopic	1400 ÷ 4000	60+60+60+60	no

(*) The maximum weight of the leaf varies according to the passage opening.

THE COMPLETE A1400 AIR RD/RDF SPECIAL ENTRANCE INCLUDES THE FOLLOWING COMPONENTS:

E1RD CONTROL UNIT

- E1RD microprocessor control unit with redundant safety control with battery block boards (for A1400 AIR RD), motor brake (for A1400 AIR RDF) and integrated button photocells
- 230 V~ switching power supply unit
- Self-controlled emergency batteries that activate only when voltage is missing, by opening the door, according to EN16005
- Specific, coloured and removable terminal boards
- Programming via SDK EVO function keypad
- Automatic adjustments
  - Definition of open and closed positions
  - Selection of optimal speed, acceleration and deceleration
  - Sensor monitoring in compliance with EN 16005
  - Anti-crushing safety device in compliance with EN 16005
  - Possibility of adjusting speed and SET UP execution directly on the board (without the aid of external programmers)
- RESET function
- 2 configurable output contacts
- N. 4 configurable input contacts
- 2 configurable emergency input contacts
- 4 programmable inputs for monitored safety sensors EN 16005
- 2 current or frequency programmable inputs for monitored movement sensors EN 16005
- Interlock function
- 'Gong' function
- 'Courtesy lights' function
- Immediate closing' function
- LCD display to view the door statuses, the fault diagnostics and programming
- 3 buttons for BASIC programming of:
  - number of leaves
  - pause time
  - energy saving
  - night pause
  - opening and closing speed
  - opening and closing thrust force
  - thrust force time
  - interior/exterior detector programming
  - emergency configuration
- 3 buttons for ADVANCED programming of:
  - monitored protection sensor management
  - input configuration
  - pharmacy function
  - motor block (for A1400 AIR RD)
- XF LOCK motor brake, not compatible with XM LOCK and XB LOCK (for A1400 AIR RDF)
  - motor block monitoring (for A1400 AIR RD)
  - night function input delay
  - output configuration
- Firmware update and download/upload of some information (configurations, timers, log files) through the USB drive

SUPPORTING PROFILE

- In extruded anodized aluminium, slotted for height and width adjustment
- Dimensions (height x depth) 70 x 166 mm
- Sliding track integrated in profile

FRONT COVER

- Available in natural and anodised aluminium, 100 mm or 140 mm high, with 'L' shape
- Safety parachute, easy to assemble with head section to prevent cover fall
- Knockouts to adapt leaves of different thickness (max. 60 mm)
- Hinge seat on the supporting profile isolated from the same by anti-vibration supports (open cover by rotating upwards)
- Designed for locking in open position for maintenance

DRIVE UNIT COMPLETE WITH:

- Main gearmotor powered at 36 V with optical encoder
- Auxiliary gearmotor powered at 36 V with belt tensioning adjustment
- E1RD microprocessor control unit with redundant safety control
- Electro-conductive transmission belt 12 mm
- 2 carriages (1 mobile leaf version) or 4 carriages (2 leaf version)
- Power supply unit with switching power supply with low energy consumption (GREENtech)

A1400 AIR RD T DRIVE UNIT COMPLETE WITH:

- Main gearmotor powered at 36 V with optical encoder
- Auxiliary gearmotor powered at 36 V with adjustment
- E1RD microprocessor control unit with redundant safety control
- Electro-conductive transmission belt 12 mm
- Return pulley with steel screw for AIR RD T
- N. 4 carriages (AIR RD T2 version) or n. 8 carriages (AIR RD T4 version)
- Power supply unit with switching power supply with low energy consumption (GREENtech)

CARRIAGES

- Galvanised steel structure
- 2 sliding wheels in synthetic material on bearing
- Nylon counterthrust roller on bearing
- Height adjustment ± 7.5 mm via screw
- Lateral adjustments ± 10 mm
- Extruded aluminium leaf connection profile or spacers
- Brush for sliding track cleaning

Declaration of Compliance

Italia

TUVIT20MAC722211303_00

Name and andress of the manufacturer
Nome e indirizzo del costruttore:
FAAC S.p.A.
Via Calari, 10 – 40069 Zola Predosa (BO) - Italy

Product designation
Genere prodotto:
Porta automatica

Series/Type
Serie/Tipo:
A 1400 AIR RD, A 1400 AIR RDT

Legislative Reference Compliance
Riferimento legislativo soddisfatto:
2006/42/CE – ALL.I

Reference harmonized standard
Norme armonizzate di riferimento:
- EN ISO 12100:2010;
- EN ISO 13849-1:2015 PL:"d" Cat:3 (Escape Route Functionality);
- EN ISO 13849-2:2012
- EN ISO 60335-2-103:2015;
- EN 16005:2012

Reference technical standard and specifications
Norme e specifiche tecniche di riferimento:;
- DIN 18650-1:2010;
- DIN 18650-2:2010
- AutSchR:12/1997

Reference Technical Report of Compliance (TRoC)
Technical Report of Compliance di riferimento:
TRoC_722211303_FAAC_A1400AIRRD_00

The product is not referred to Annex IV of the Directive 2006/42/EC.
Il prodotto non è contemplato dall'Allegato IV della Direttiva 2006/42/CE

Place: Sesto San Giovanni
Luogo

Data 1°emissione / *Issue date:*	03/04/2020
Data emissione / *First issue date*:	03/04/2020
Data scadenza / *Expiry date:*	02/04/2023

TÜV Italia Srl Industrie Service Italia

Ispettore verificatore / *Tested by*

Firma / *Signature*

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20099 Sesto S. Giovanni (MI)- Italy
T. +39 02 24130 1 F. +39 02 24130 0399
Web: www.tuv.it – @-mail: tuv.is@tuv.it

TÜV®

MAC_M02_rev. 02 del 16/3/2017

A1400 AIR RD

Automated system for 1 or 2 leaves

Item Code : 105140PA

CONTINUOUS SERVICE
SDK EVO function keyboard and leaf connection profile not included
Head section length Lt = 2 Vp + 100 mm

A1400 AIR RD 1 LEAF, MAX. WEIGHT 200 KG

Model	dimensions	
	Passage opening mm (Vp)	Head section length mm (Lt)
A1400 AIR RD PA 1-08	800	1.700
A1400 AIR RD PA 1-09	900	1.900
A1400 AIR RD PA 1-10	1.000	2.100
A1400 AIR RD PA 1-11	1.100	2.300
A1400 AIR RD PA 1-12	1.200	2.500
A1400 AIR RD PA 1-13	1.300	2.700
A1400 AIR RD PA 1-14	1.400	2.900
A1400 AIR RD PA 1-15	1.500	3.100
A1400 AIR RD PA 1-16	1.600	3.300
A1400 AIR RD PA 1-17	1.700	3.500
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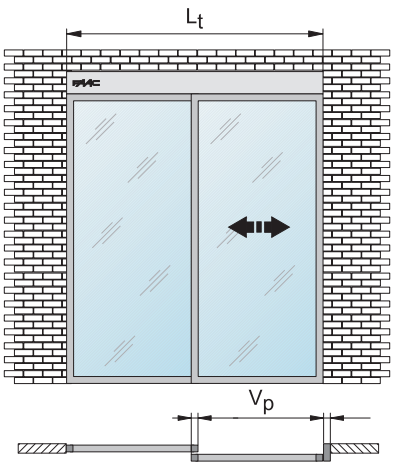
A1400 AIR RD PA 1-22	2.200	4.500
A1400 AIR RD PA 1-24	2.400	4.900
A1400 AIR RD PA 1-25	2.500	5.100
A1400 AIR RD PA 1-27	2.700	5.500
A1400 AIR RD PA 1-30	3.000	6.100



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4. For intermediate head section length values, the price of the next higher length shall be applied.

* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

Extra charge for non-standard RAL: consider € 364.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

A1400 AIR RD

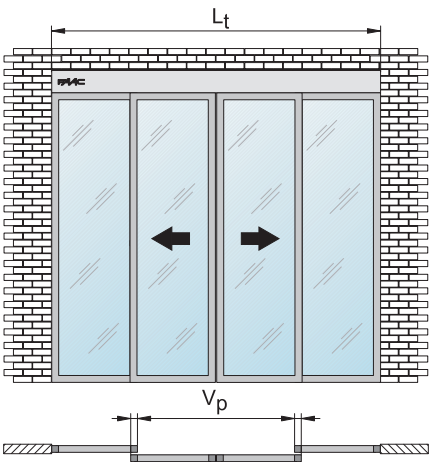
Automated system for 1 or 2 leaves

Item Code : 105140PA

CONTINUOUS SERVICE
SDK EVO function keyboard and leaf connection profile not included
Head section length Lt = 2 Vp + 100 mm

A1400 AIR RD 2 LEAVES, MAX. WEIGHT 120 + 120 KG

Model	dimensions	
	Passage opening mm (Vp)	Head section length mm (Lt)
A1400 AIR RD PA 2-09	900	1.900
A1400 AIR RD PA 2-10	1.000	2.100
A1400 AIR RD PA 2-11	1.100	2.300
A1400 AIR RD PA 2-12	1.200	2.500
A1400 AIR RD PA 2-13	1.300	2.700
A1400 AIR RD PA 2-14	1.400	2.900
A1400 AIR RD PA 2-15	1.500	3.100
A1400 AIR RD PA 2-16	1.600	3.300
A1400 AIR RD PA 2-17	1.700	3.500
A1400 AIR RD PA 2-18	1.800	3.700
A1400 AIR RD PA 2-19	1.900	3.900
A1400 AIR RD PA 2-20	2.000	4.100
A1400 AIR RD PA 2-22	2.200	4.500
A1400 AIR RD PA 2-24	2.400	4.900
A1400 AIR RD PA 2-25	2.500	5.100
A1400 AIR RD PA 2-27	2.700	5.500
A1400 AIR RD PA 2-30	3.000	6.100



HOW TO ORDER AUTOMATED SYSTEMS

1. For filling up the order correctly, use the specific ORDER FORM.
2. For defining the OPENING DIRECTION and STANDARD SIZING, please refer to FORM A.
3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

Extra charge for non-standard RAL: consider € 364.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

A1400 AIR RD A

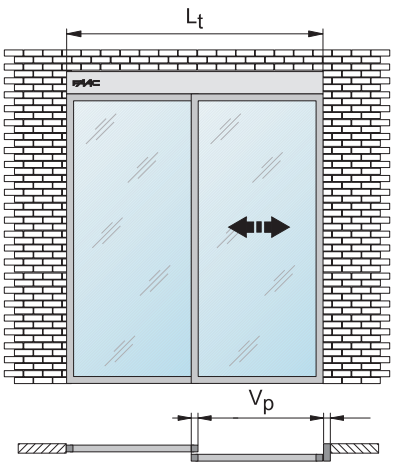
Item Code : 105140PA

Self-supporting automated system for 1 or 2 leaves

CONTINUOUS SERVICE
SDK EVO function keyboard and leaf connection profile not included
Head section length Lt = 2 Vp + 100 mm

A1400 AIR RD, SELF-SUPPORTING WITH 1 LEAF, MAX. WEIGHT 200 KG

Model	dimensions	
	Passage opening mm (Vp)	Head section length mm (Lt)
A1400 AIR RDA PA 1-08	800	1.700
A1400 AIR RDA PA 1-09	900	1.900
A1400 AIR RDA PA 1-10	1.000	2.100
A1400 AIR RDA PA 1-11	1.100	2.300
A1400 AIR RDA PA 1-12	1.200	2.500
A1400 AIR RDA PA 1-13	1.300	2.700
A1400 AIR RDA PA 1-14	1.400	2.900
A1400 AIR RDA PA 1-15	1.500	3.100
A1400 AIR RDA PA 1-16	1.600	3.300
A1400 AIR RDA PA 1-17	1.700	3.500
A1400 AIR RDA PA 1-18	1.800	3.700
A1400 AIR RDA PA 1-19	1.900	3.900
A1400 AIR RDA PA 1-20	2.000	4.100
A1400 AIR RDA PA 1-22	2.200	4.500
A1400 AIR RDA PA 1-24	2.400	4.900
A1400 AIR RDA PA 1-25	2.500	5.100
A1400 AIR RDA PA 1-27	2.700	5.500
A1400 AIR RDA PA 1-30	3.000	6.100



HOW TO ORDER AUTOMATED SYSTEMS

1. For filling up the order correctly, use the specific ORDER FORM.
2. For defining the OPENING DIRECTION and STANDARD SIZING, please refer to FORM A.
3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

Extra charge for non-standard RAL: consider € 364.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

A1400 AIR RD A

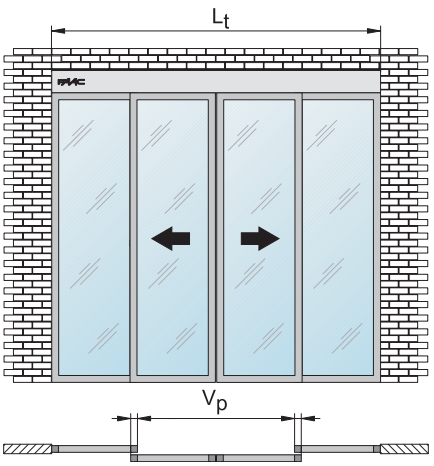
Item Code : 105140PA

Self-supporting automated system for 1 or 2 leaves

CONTINUOUS SERVICE
SDK EVO function keyboard and leaf connection profile not included
Head section length Lt = 2 Vp + 100 mm

A1400 AIR RD, SELF-SUPPORTING WITH 2 LEAVES MAX. WEIGHT 120 + 120 KG

Model	dimensions	
	Passage opening mm (Vp)	Head section length mm (Lt)
A1400 AIR RDA PA 2-09	900	1.900
A1400 AIR RDA PA 2-10	1.000	2.100
A1400 AIR RDA PA 2-11	1.100	2.300
A1400 AIR RDA PA 2-12	1.200	2.500
A1400 AIR RDA PA 2-13	1.300	2.700
A1400 AIR RDA PA 2-14	1.400	2.900
A1400 AIR RDA PA 2-15	1.500	3.100
A1400 AIR RDA PA 2-16	1.600	3.300
A1400 AIR RDA PA 2-17	1.700	3.500
A1400 AIR RDA PA 2-18	1.800	3.700
A1400 AIR RDA PA 2-19	1.900	3.900
A1400 AIR RDA PA 2-20	2.000	4.100
A1400 AIR RDA PA 2-22	2.200	4.500
A1400 AIR RDA PA 2-24	2.400	4.900
A1400 AIR RDA PA 2-25	2.500	5.100
A1400 AIR RDA PA 2-27	2.700	5.500
A1400 AIR RDA PA 2-30	3.000	6.100



HOW TO ORDER AUTOMATED SYSTEMS

1. For filling up the order correctly, use the specific ORDER FORM.
2. For defining the OPENING DIRECTION and STANDARD SIZING, please refer to FORM A.
3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

Extra charge for non-standard RAL: consider € 364.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

A1400 AIR RD T

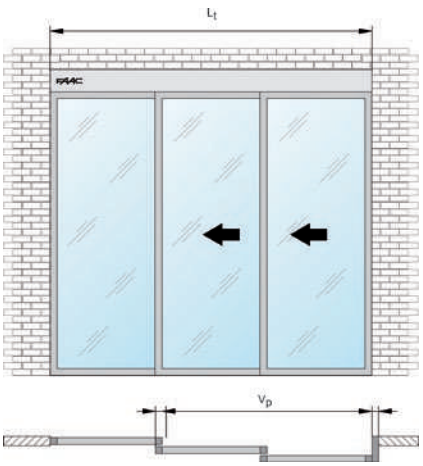
2 or 4 telescopic leaves automation

Item code: 105038PA

CONTINUOUS SERVICE
SDK EVO function keyboard and leaf connection profile not included
Head section length Lt = 1.5 Vp + 100 mm

A1400 AIR RD T 2 LEAVES MAX. WEIGHT 110 + 110 KG

Model	dimensions	
	Passage opening mm (Vp)	Head section length mm (Lt)
A1400 AIR RDF T2-11	1.100	1.750
A1400 AIR RDF T2-12	1.200	1.900
A1400 AIR RDF T2-13	1.300	2.050
A1400 AIR RDF T2-14	1.400	2.200
A1400 AIR RDF T2-15	1.500	2.350
A1400 AIR RDF T2-16	1.600	2.500
A1400 AIR RDF T2-17	1.700	2.650
A1400 AIR RDF T2-18	1.800	2.800
A1400 AIR RDF T2-19	1.900	2.950
A1400 AIR RDF T2-20	2.000	3.100
A1400 AIR RDF T2-22	2.200	3.400
A1400 AIR RDF T2-24	2.400	3.700
A1400 AIR RDF T2-26	2.600	4.000
A1400 AIR RDF T2-28	2.800	4.300
A1400 AIR RDF T2-30	3.000	4.600



HOW TO ORDER AUTOMATED SYSTEMS

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3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

Extra charge for non-standard RAL: consider € 364.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

A1400 AIR RD T

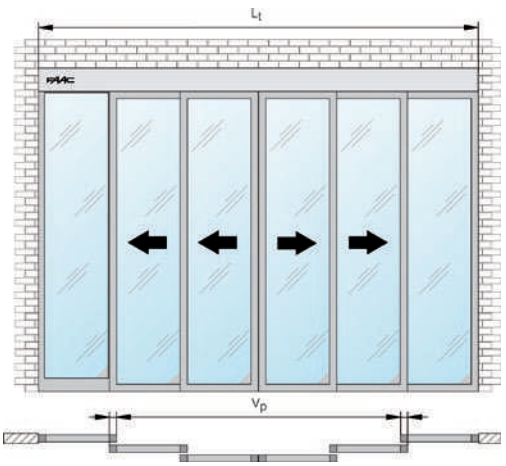
2 or 4 telescopic leaves automation

Item code: 105038PA

CONTINUOUS SERVICE
SDK EVO function keyboard and leaf connection profile not included
Head section length Lt = 1.5 Vp + 100 mm

A1400 AIR RD T 4 LEAVES MAX. WEIGHT 60 + 60 + 60 + 60 KG

Model	dimensions	
	Passage opening mm (Vp)	Head section length mm (Lt)
A1400 AIR RDF T4-14	1.400	2.200
A1400 AIR RDF T4-15	1.500	2.350
A1400 AIR RDF T4-16	1.600	2.500
A1400 AIR RDF T4-17	1.700	2.650
A1400 AIR RDF T4-18	1.800	2.800
A1400 AIR RDF T4-19	1.900	2.950
A1400 AIR RDF T4-20	2.000	3.100
A1400 AIR RDF T4-22	2.200	3.400
A1400 AIR RDF T4-24	2.400	3.700
A1400 AIR RDF T4-26	2.600	4.000
A1400 AIR RDF T4-28	2.800	4.300
A1400 AIR RDF T4-30	3.000	4.600
A1400 AIR RDF T4-32	3.200	4.900
A1400 AIR RDF T4-34	3.400	5.200
A1400 AIR RDF T4-36	3.600	5.500
A1400 AIR RDF T4-38	3.800	5.800
A1400 AIR RDF T4-40	4.000	6.100



HOW TO ORDER AUTOMATED SYSTEMS

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2. For defining the OPENING DIRECTION and STANDARD SIZING, please refer to FORM A.
3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

Extra charge for non-standard RAL: consider € 364.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

Automated systems for sliding doors

2 or 4 telescopic leaves automation

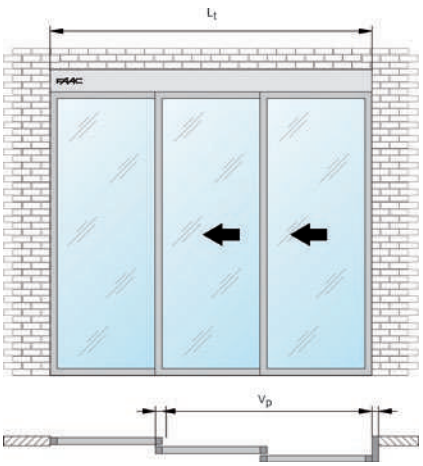
A1400 AIR RD A T

Item code: 105038PA

CONTINUOUS SERVICE
SDK EVO function keyboard and leaf connection profile not included
Head section length Lt = 1.5 Vp + 100 mm

A1400 AIR RD A T 2 LEAVES MAX. WEIGHT 110 + 110 KG

	dimensions	
Model	**Passage opening mm (Vp)**	**Head section length mm (Lt)**
A1400 AIR RDA T2-11	1.100	1.750
A1400 AIR RDA T2-12	1.200	1.900
A1400 AIR RDA T2-13	1.300	2.050
A1400 AIR RDA T2-14	1.400	2.200
A1400 AIR RDA T2-15	1.500	2.350
A1400 AIR RDA T2-16	1.600	2.500
A1400 AIR RDA T2-17	1.700	2.650
A1400 AIR RDA T2-18	1.800	2.800
A1400 AIR RDA T2-19	1.900	2.950
A1400 AIR RDA T2-20	2.000	3.100
A1400 AIR RDA T2-22	2.200	3.400
A1400 AIR RDA T2-24	2.400	3.700
A1400 AIR RDA T2-26	2.600	4.000
A1400 AIR RDA T2-28	2.800	4.300
A1400 AIR RDA T2-30	3.000	4.600



HOW TO ORDER AUTOMATED SYSTEMS

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2. For defining the OPENING DIRECTION and STANDARD SIZING, please refer to FORM A.
3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

Extra charge for non-standard RAL: consider € 364.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

A1400 AIR RD A T

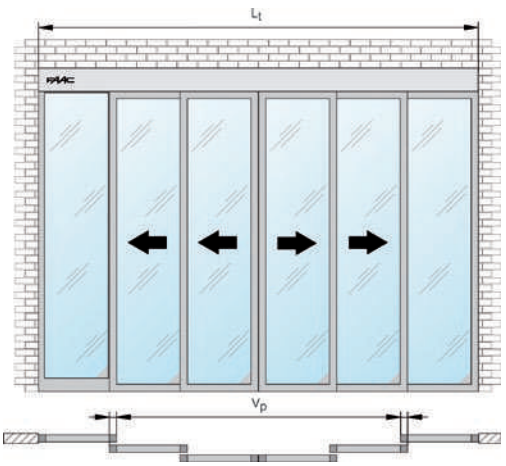
2 or 4 telescopic leaves automation

Item code: 105038PA

CONTINUOUS SERVICE
SDK EVO function keyboard and leaf connection profile not included
Head section length Lt = 1.5 Vp + 100 mm

A1400 AIR RD A T 4 LEAVES MAX. WEIGHT 60 + 60 + 60 + 60 KG

Model	dimensions	
	Passage opening mm (Vp)	Head section length mm (Lt)
A1400 AIR RDA T4-14	1.400	2.200
A1400 AIR RDA T4-15	1.500	2.350
A1400 AIR RDA T4-16	1.600	2.500
A1400 AIR RDA T4-17	1.700	2.650
A1400 AIR RDA T4-18	1.800	2.800
A1400 AIR RDA T4-19	1.900	2.950
A1400 AIR RDA T4-20	2.000	3.100
A1400 AIR RDA T4-22	2.200	3.400
A1400 AIR RDA T4-24	2.400	3.700
A1400 AIR RDA T4-26	2.600	4.000
A1400 AIR RDA T4-28	2.800	4.300
A1400 AIR RDA T4-30	3.000	4.600
A1400 AIR RDA T4-32	3.200	4.900
A1400 AIR RDA T4-34	3.400	5.200
A1400 AIR RDA T4-36	3.600	5.500
A1400 AIR RDA T4-38	3.800	5.800
A1400 AIR RDA T4-40	4.000	6.100



HOW TO ORDER AUTOMATED SYSTEMS

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4. For intermediate head section length values, the price of the next higher length shall be applied.

* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

Extra charge for non-standard RAL: consider € 364.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

A1400 AIR RDF

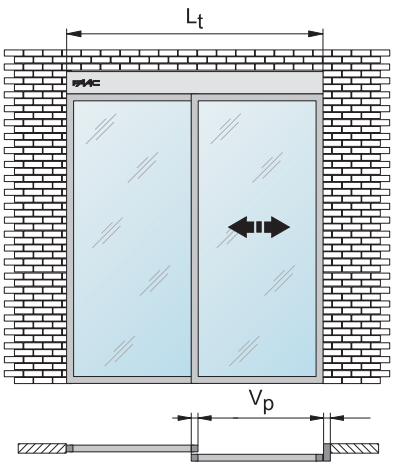
Automated system for 1 or 2 leaves

Code No.: 105059PA

CONTINUOUS SERVICE
SDK EVO function keyboard and leaf connection profile not included
Head section length Lt = 2 Vp + 100 mm

A1400 AIR RDF 1 LEAF MAX. WEIGHT 200 KG

Model	dimensions	
	Passage opening mm (Vp)	Head section length mm (Lt)
A1400 AIR RDF PA 1-08	800	1.700
A1400 AIR RDF PA 1-09	900	1.900
A1400 AIR RDF PA 1-10	1.000	2.100
A1400 AIR RDF PA 1-11	1.100	2.300
A1400 AIR RDF PA 1-12	1.200	2.500
A1400 AIR RDF PA 1-13	1.300	2.700
A1400 AIR RDF PA 1-14	1.400	2.900
A1400 AIR RDF PA 1-15	1.500	3.100
A1400 AIR RDF PA 1-16	1.600	3.300
A1400 AIR RDF PA 1-17	1.700	3.500
A1400 AIR RDF PA 1-18	1.800	3.700
A1400 AIR RDF PA 1-19	1.900	3.900
A1400 AIR RDF PA 1-20	2.000	4.100
A1400 AIR RDF PA 1-22	2.200	4.500
A1400 AIR RDF PA 1-24	2.400	4.900
A1400 AIR RDF PA 1-25	2.500	5.100
A1400 AIR RDF PA 1-27	2.700	5.500
A1400 AIR RDF PA 1-30	3.000	6.100



HOW TO ORDER AUTOMATED SYSTEMS

1. For filling up the order correctly, use the specific ORDER FORM.
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3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

Extra charge for non-standard RAL: consider € 364.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

A1400 AIR RDF

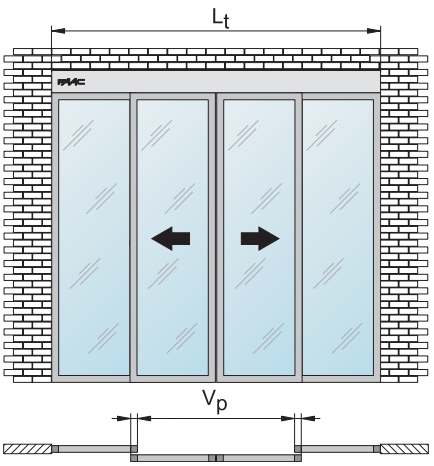
Automated system for 1 or 2 leaves

Code No.: 105059PA

CONTINUOUS SERVICE
SDK EVO function keyboard and leaf connection profile not included
Head section length Lt = 2 Vp + 100 mm

A1400 AIR RDF 2 LEAVES MAX WEIGHT 120 + 120 KG

Model	dimensions	
	Passage opening mm (Vp)	Head section length mm (Lt)
A1400 AIR RDF PA 2-09	900	1.900
A1400 AIR RDF PA 2-10	1.000	2.100
A1400 AIR RDF PA 2-11	1.100	2.300
A1400 AIR RDF PA 2-12	1.200	2.500
A1400 AIR RDF PA 2-13	1.300	2.700
A1400 AIR RDF PA 2-14	1.400	2.900
A1400 AIR RDF PA 2-15	1.500	3.100
A1400 AIR RDF PA 2-16	1.600	3.300
A1400 AIR RDF PA 2-17	1.700	3.500
A1400 AIR RDF PA 2-18	1.800	3.700
A1400 AIR RDF PA 2-19	1.900	3.900
A1400 AIR RDF PA 2-20	2.000	4.100
A1400 AIR RDF PA 2-22	2.200	4.500
A1400 AIR RDF PA 2-24	2.400	4.900
A1400 AIR RDF PA 2-25	2.500	5.100
A1400 AIR RDF PA 2-27	2.700	5.500
A1400 AIR RDF PA 2-30	3.000	6.100



HOW TO ORDER AUTOMATED SYSTEMS

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3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

Extra charge for non-standard RAL: consider € 364.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

A1400 AIR RDF T

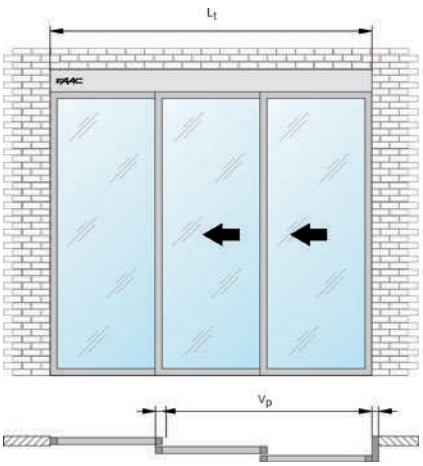
2 or 4 telescopic leaves automation

Item Code: 105060PA

CONTINUOUS SERVICE
SDK EVO function keyboard and leaf connection profile not included
Head section length Lt = 1.5 Vp + 100 mm

A1400 AIR RDF T 2 LEAVES MAX WEIGHT 110 + 110 KG

Model	dimensions	
	Passage opening mm (Vp)	Head section length mm (Lt)
A1400 AIR RDF T2-11	1.100	1.750
A1400 AIR RDF T2-12	1.200	1.900
A1400 AIR RDF T2-13	1.300	2.050
A1400 AIR RDF T2-14	1.400	2.200
A1400 AIR RDF T2-15	1.500	2.350
A1400 AIR RDF T2-16	1.600	2.500
A1400 AIR RDF T2-17	1.700	2.650
A1400 AIR RDF T2-18	1.800	2.800
A1400 AIR RDF T2-19	1.900	2.950
A1400 AIR RDF T2-20	2.000	3.100
A1400 AIR RDF T2-22	2.200	3.400
A1400 AIR RDF T2-24	2.400	3.700
A1400 AIR RDF T2-26	2.600	4.000
A1400 AIR RDF T2-28	2.800	4.300
A1400 AIR RDF T2-30	3.000	4.600



HOW TO ORDER AUTOMATED SYSTEMS

1. For filling up the order correctly, use the specific ORDER FORM.
2. For defining the OPENING DIRECTION and STANDARD SIZING, please refer to FORM A.
3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

Extra charge for non-standard RAL: consider € 364.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

A1400 AIR RDF T

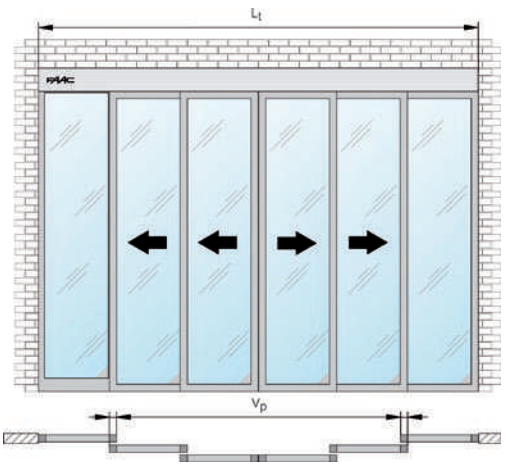
2 or 4 telescopic leaves automation

Item Code: 105060PA

CONTINUOUS SERVICE
SDK EVO function keyboard and leaf connection profile not included
Head section length Lt = 1.5 Vp + 100 mm

A1400 AIR RDF T 4 LEAVES MAX WEIGHT 60 + 60 + 60 + 60 KG

Model	dimensions	
	Passage opening mm (Vp)	Head section length mm (Lt)
A1400 AIR RDF T4-14	1.400	2.200
A1400 AIR RDF T4-15	1.500	2.350
A1400 AIR RDF T4-16	1.600	2.500
A1400 AIR RDF T4-17	1.700	2.650
A1400 AIR RDF T4-18	1.800	2.800
A1400 AIR RDF T4-19	1.900	2.950
A1400 AIR RDF T4-20	2.000	3.100
A1400 AIR RDF T4-22	2.200	3.400
A1400 AIR RDF T4-24	2.400	3.700
A1400 AIR RDF T4-26	2.600	4.000
A1400 AIR RDF T4-28	2.800	4.300
A1400 AIR RDF T4-30	3.000	4.600
A1400 AIR RDF T4-32	3.200	4.900
A1400 AIR RDF T4-34	3.400	5.200
A1400 AIR RDF T4-36	3.600	5.500
A1400 AIR RDF T4-38	3.800	5.800
A1400 AIR RDF T4-40	4.000	6.100



HOW TO ORDER AUTOMATED SYSTEMS

1. For filling up the order correctly, use the specific ORDER FORM.
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* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

Extra charge for non-standard RAL: consider € 364.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

A1400 AIR RD/RDF

COMMON ACCESSORIES



- Microswitch for controlling that the motor block operates correctly and magnetic device for verifying leaf lock in closing position
- In the case of motor block malfunction, an error condition is indicated on the function keypad and the control board
- Set-up for remote switching-on of a warning light or an acoustic signal in the event that the leaves are not in the closing position or in case of motor block faults

Motor block and leaf position supervision

105125

SPECIFIC ACCESSORIES FOR A1400 AIR RD



XB LOCK Bi-stable motor lock A1400 w/knob

105502

- The block operates directly on the motor and guarantees mechanical locking of the door in any position.
- Operated by internal release knob and set-up for external release installation
- Unlocking allows the door to be opened in the case of emergency
- Management of the motor block integrated into the CONTROL UNIT
- The system operates mechanically on the motor block and sends an opening command to the CONTROL UNIT
- If emergency batteries are installed, the release system controls the motorised door opening even in the event of power failure
- During standard operation, the motor block is only active in NIGHT function.
- For specific requirements, the motor block can also operate in NIGHT AND OPEN, NIGHT, OPEN and DISABLED mode. Moreover, with the PARTIAL OPENING operating function, the motor block is active both with closed leaves and with open leaves (pharmacy opening)
- There is only one motor block both for single leaf or double leaf applications



XM LOCK Monostable motor lock A1400

105056

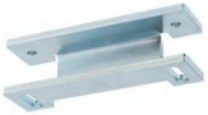
- The block operates directly on the motor and guarantees mechanical locking of the door in any position. You can use the same lock both for single and double leaves applications.
- When voltage is missing and battery is not present the lock will open automatically and allow people to move the door manually
- Management of the motor block integrated into the CONTROL UNIT
- During standard operation, the motor block is only active in NIGHT function.
- For specific requirements, the motor block can also operate in NIGHT AND OPEN, NIGHT, OPEN and DISABLED mode. Moreover, with the PARTIAL OPENING operating function, the motor block is active both with closed leaves and with open leaves (pharmacy opening)

ACCESSORIES FOR FRAMED LEAF



Leaf connection profile (3m bar)

390991



Carriage spacer A1400 AIR (4 pcs. pack for two mobile leaves)

390990



Lower guide profile (3m bar)

390707



Swivel sliding block (the lower guide profile is necessary)

390794



Pair of lower sliding blocks with bracket (the lower guide profile is necessary)

390771



Pair of lower sliding blocks with bracket for self-supporting (the lower guide profile is necessary)

390772

>>



Lower guide profile brush H=25 (1,5 m bars)

709981



Lower guide profile brush H=19 (2 bars of 1,5m each)

709982

ACCESSORIES FOR OPENING/SAFETY



XDT3 one-directional radar + escape route infrared safety

105104



Active threshold safety infrared, microwave, double technology sensor XV1

105108



Active threshold safety infrared, microwave, double technology sensor XDT1

105114

FUNCTION KEYPADS/SELECTORS



SDK EVO function keypad

790019



LK EVO Function Selector

790024



Key function selector KS EVO

790942

ACCESSORIES FOR GLASS LEAVES (NOT TELESCOPIC)



Profile for crystal leaf connection



Crystal leaf lower sliding block pair

Description	Finish	Length	Code
Aluminium profile for glass leaf	Natural	3 m	390712
connection (thickness 10-11 mm)	anodised	3 m	390715
Pair of lower sliding blocks	-	120 mm each	722189

OTHER ACCESSORIES
Function keypad page 61
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Profiles page 88
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COMMON ACCESSORIES FOR SLIDING DOORS

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Simply Connect devices
SDK EVO (Function Keypad)
LK EVO (Function Selector)
KS EVO (Key function selector)
XMS CH (touchless sensor)
XMS CHA (touchless sensor)
ELECTRONIC PULSE GENERATORS
ACCESSORIES
PHOTOCELLS
XBFRM1 (One-directional microwave radar)
XM100 ONE ("Compact" one-directional microwave radar)
XBFA ON (Active "movement or presence" infrared sensor)
XBFA ST (Active "movement or presence" infrared sensor)
XV1 (Mono directional "movement and presence")
XDT1 (Mono directional "movement and presence")
XDT3 (Mono directional "movement and presence" for escape routes)
X1S (Active "movement or presence" infrared sensor X1S)

Simply Connect devices

The Simply Connect devices are available with a WiFi - LAN connection (XWBL) to home/company network or LTE (XMB) on cellular data network.

The XMB device has an LTE connection and is provided with an integrated eSIM (SIM-ON-CHIP): there is no need to purchase any data SIM. Both devices are also equipped with BLE connectivity for management of the automations in proximity to them (e.g. in case there is no main WIFI-LAN-LTE connectivity).

XMB



Model	Description	Item code
XMB	Simply Connect XMB device	787348

TECHNICAL SPECIFICATIONS

Model	XMB
Power supply voltage	5VDC
Absorbed current	100mA a 24V ⎓ (500mA a 5V ⎓)
Connections	LTE CAT M1 – CAT NB1 - EGPRS BLE (Bluetooth Low Energy 4.2) – 2.4Ghz
Installation type	with coupling to compatible board
Operating temperature	-20°C ÷ +55°C

XWBL



Model	Description	Item code
XWBL	Simply Connect XWBL device	787347

TECHNICAL SPECIFICATIONS

Model	XWBL
Power supply voltage	5VDC
Absorbed current	100mA a 24V ⎓ (500mA a 5V ⎓)
Connections	WIFI 802.11 b/g/n – 2.4GHz BLE (Bluetooth Low Energy 4.2) – 2.4Ghz LAN RJ45 connector - IEEE 802.3
Installation type	with coupling to compatible board
Operating temperature	-20°C ÷ +55°C

Simply Connect devices

XMULTICOM is a management board to which it is possible to couple an XWBL or an XMB device, to obtain Simply Connect connectivity, even on incompatible automations.

XRS485 is an interface board that can be used in combination with an XMULTICOM, to create automation networks compatible with Simply Connect.

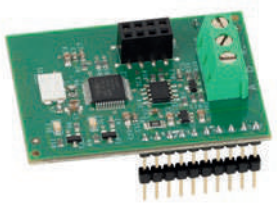


XMULTICOM

Model	Description	Item code
XMULTICOM	XMULTICOM unit	790418

TECHNICAL SPECIFICATIONS

Model	XMULTICOM
Power supply voltage	24VAC - 24VDC
Absorbed current	150 mA
Connections	NONE - XWBL or XMB device needed
Removable connector	Power supply - RS485 - Inputs / Outputs
Terminal board inputs	2
Terminal board outputs	2
Rapid connector	Quick-release coupling for XWBL or XMB
Radio signal decoding	SLH
Installation type	on DIN bar
Protection class	IP20
Operating temperature	-20°C ÷ +55°C



XRS485

Model	Description	Item code
XRS485	XRS485 interface board	787349

TECHNICAL SPECIFICATIONS

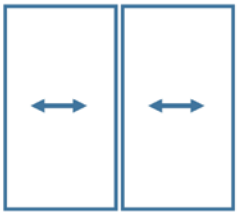
Model	XRS485
Power supply voltage	5VDC
Absorbed current	50 mA
Connections	RS485
Installation type	with coupling to compatible board
Operating temperature	-20°C ÷ +55°C

ELECTRONIC CONTROL UNITS COMPATIBLE WITH SIMPLY CONNECT

E1SL, E1RD, E952, E145, E145S, E124 (direct compatibility only with XWBL), E680 (compatible version to be communicated).

Single user

Simply Connect



\+ XWBL
XMB



All Simply Connect functions are available

The advantages of

for the professional

Programming and remote management via the web and/or app of all automations connected to the Simply Connect cloud platform: troubleshooting, fault investigation, remote maintenance and work scheduling.

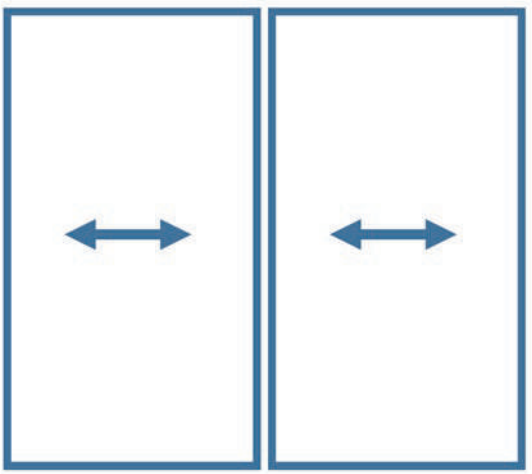
ELECTRONIC CONTROL UNITS NOT COMPATIBLE WITH SIMPLY CONNECT
Not included in the "Compatible electronic boards" list or another type.

Single or multi-user

FAAC automations not compatible with Simply Connect or other types

XMULTICOM

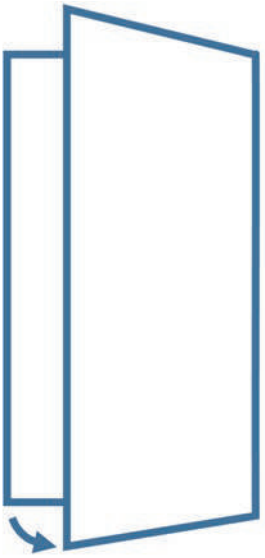




+

XWBL
XMB





XMULTICOM, equipped with an XWBL or XMB device, allows the wired connection of up to 2 non-compatible automations, allowing activation commands (e.g. open-close) to be sent and status information (e.g. open-closed) to be received.

Simply Connect

Remote interaction via the web and/or app with automations connected to the Simply Connect cloud platform: send commands, even with voice commands and control your automation remotely and grant or revoke access rights for other users.

for the user

SDK EVO

Function Keypad



- Supplied as an accessory, it always comes equipped with a large graphic display that allows full access to all the door parameters through the four keys that the user uses to move around in the menu

Model	Description	Item code
SDK EVO	Function keypad	790019

CE

TECHNICAL SPECIFICATIONS

Model	SDK EVO
Operative functions	Manual (with key or security code EN16005 only for A1400 RD) Night (with key or security code EN16005 only for A1400 RD) Automatic Monodirectional or Bidirectional Partial opening Open Reset and setup
Operating function selection	Through buttons with indication on the display of the selected function Possibility to inhibit keypad operation via a jumper or key combination
Main programming functions	Entry of access password for user and installer Opening and closing speed adjustment Anti-crushing adjustment Pause time adjustment Energy saving enabling Management of diagnosis display Weekly calendar management Management of battery kit and motor block I/O programming Maintenance cycle warning Performed cycle number displaying
Programming	Complete with access with PROGRAMMER code and basic with USER code

LK EVO

Function selector



- Supplied as an accessory, it enables access to the main automatic functions and indicates when it is on through LED lights

Model	Description	Item code
LK EVO	Function selector	790024

CE

TECHNICAL SPECIFICATIONS

Model	LK EVO
Operative functions	Manual, Automatic, Night, Open, One-directional, Partial opening
Operating function selection	Through buttons with LED indication of the selected function
Selectable functions	Keypad inhibition, setup, reset (also via jumper)
Diagnostics	Through a combination of flashing LEDs

KS EVO

Key function selector



- Supplied as an accessory, it provides access to the main automatic functions and makes it possible to modify them, with the provided key (2 keys)
- Recessed installation, for wall-mounted uses (see note)

Model	Description	Item code
KS EVO	Key function selector	790942

CE

TECHNICAL SPECIFICATIONS

Model	KS EVO
Operative functions	Manual, Automatic, Night, Open, One-directional, Partial opening
Operating function selection	Using a key with LED indication of the selected function
Diagnostics	Through a combination of flashing LEDs

NOTE

Compatible with 2 wall module surface junction boxes (ex.502BI)

XMS CH

Touchless button





- Antimicrobical front-face
- Multicolour LED
- PULSE Mode: recommended for automatic doors applications
- TOGGLE Mode: recommended for switch applications

Model	Description	Item code
XMS CH	Wall touchless opening sensor	105930
XMS CH-IN	Recessed mounting touchless sensor	105938

CE

TECHNICAL SPECIFICATIONS

Model	XMS CH
Technology	Microwave motion sensor
Detection mode	Bidirectional movement
Power supply voltage	12V - 24V ~/ ⎓ +30% / - 10%
Power supply frequency	50 to 60 Hz
Max. power	< 1,5 W
Emitted power density	< 5 mW/cm²
Frequency of use	24.150 GHz
Detection area	+/- 10 to 50 cm if movement towards sensor at 90° (adjustable)*
Operating ambient temperature	From -20 °C to +55 °C
Contact maintenance time	0.5s (in PULSE mode)
Protection class	IP65 with front face and gasket mounted on a smooth surface
Output type	2 Electronic relays (galvanic isolation - polarity free) Max. voltage: 42V AC/DC Max. current: 100 mA
Type of cover material	PMMA / PC Front face is treated with biomaster silver biocide tested to ISO 22196:2011. Please use biocides responsibly.

*** An adjustment of the detection field below 10 cm is possible but the detection capability of the sensor can not be guaranteed**

XMS CHA

Touchless button





- Antimicrobical front-face
- Multicolour LED
- PULSE Mode: recommended for automatic doors applications
- TOGGLE Mode: recommended for switch applications
- Acoustic signal
- Remote control settings
- External signal input

Model	Description	Item code
XMS CHA	Wall touchless opening sensor	105931
XMS CHA-IN	Recessed mounting touchless sensor	105939

CE

TECHNICAL SPECIFICATIONS

Model	XMS CHA
Technology	Microwave motion sensor
Detection mode	Bidirectional movement
Power supply voltage	12V - 24V ~/ ⎓ +30% / - 10%
Power supply frequency	50 to 60 Hz
Max. power	< 1,5 W
Emitted power density	< 5 mW/cm²
Frequency of use	24.150 GHz
Detection area	+/- 10 to 60 cm if movement towards sensor at 90° (adjustable)*
Operating ambient temperature	From -20 °C to +55 °C
Contact maintenance time	0.5s (in PULSE mode)
Protection class	IP65 with front face and gasket mounted on a smooth surface
Output type	2 Electronic relays (galvanic isolation - polarity free) Max. voltage: 42V AC/DC Max. current: 100 mA
Type of cover material	PMMA / PC Front face is treated with biomaster silver biocide tested to ISO 22196:2011. Please use biocides responsibly.

** An adjustment of the detection field below 10 cm is possible but the detection capability of the sensor can not be guaranteed*

ACCESSORIES



Radio control TF1 (for XMS CHA XDT1, XDT3, XBFA ST adjustments)

785541

Electronic pulse generators

XTR B

TECHNICAL SPECIFICATIONS

Model	XTR B	XTR B INOX
Installation type	wall or on column installation	
Power supply voltage	Bus 2easy, with 2 non polarised wires 24 V ⎓	
Max consumption	50 mA	
Max number of connectable READERS on the Bus2Easy control unit	14 (single channel) - 4 (two-channels)	
Protection class	IP54	
Dimensions (LxDxH)	100 x 21 x 72 mm	
TAG format	13,56 MHz Keyring	





If used with FAAC automation mod. A1000, A1400 AIR, A1400 AIR RD or 950N2, you must use an XBR2 or XBR4 receiver

If used with FAAC automation mod. A951, you must use the communication board Code 390166

If used with FAAC automation mod. A952 it is possible to connect it directly to the control unit through the specific terminals

Model	Description	Item code
XTR B	TAG Reader	786041
XTR B INOX	INOX TAG Reader	786040

INSTALLATION ACCESSORIES



External tube adapter

401064



Adapter for column or flush mounted♦

401065

ACCESSORIES



Metal keytag (30 pcs pack)

401306



Keytag (30 pcs pack)

401048



XBR2 BUS-RELAY Interface 2CH

790064



XBR4 BUS-RELAY Interface 4CH

790065

NOTE

♦ For wall installations with external or column or flush mounted pipe you must use the adapter 401064 and 401065.

Electronic pulse generators

XKP B

TECHNICAL SPECIFICATIONS

Model	XKP B INOX
Installation type	wall or on column installation
Power supply voltage	Bus 2easy, with 2 non polarised wires 24 V ⎓
Protection class	IP54
Dimensions (LxDxH)	72 x 21 x 100 mm
Operating ambient temperature	-20 °C +55 °C
Max. Number of users' codes	255
Max. Number of commands	2 (up to 4 with the XBR4 adapter)



If used with FAAC automation mod. A1000, A1400 AIR, A1400 AIR RD or 950N2, you must use an XBR2 or XBR4 receiver

If used with FAAC automation mod. A951, you must use the communication board Code 390166

If used with FAAC automation mod. A952 it is possible to connect it directly to the control unit through the specific terminals

Model	Description	Item code
XKP B INOX	Controller with keypad	404039

INSTALLATION ACCESSORIES



External tube adapter

401064



Adapter for column or flush mounted♦

401065

ACCESSORIES



XBR2 BUS-RELAY
Interface 2CH

790064

NOTE

♦ For wall installations with external or column or flush mounted pipe you must use the adapter 401064 and 401065.

Electronic pulse generators

XKP W



TECHNICAL SPECIFICATIONS

Model	XKP W 433	XKP W 868
Installation type	wall or on column installation	
Frequency of use	433.92 MHz	868.35 MHz
Radio signal decoding	SLH: Rolling code encrypted self-learning	
Power supply voltage	Battery powered CR2450 3 W qt. 2	
Average battery life	2 years	
Protection class	IP54	
Dimensions (LxDxH)	72 x 21 x 100 mm	
Operating ambient temperature	-20 °C +55 °C	
Max. Number of users' codes	255	
Max. Number of commands	4	

If used together with FAAC doors Mod. A1000, A1400 AIR, A1400 AIR RD or 950N2 it is necessary to use a XR2 or XR4 receiver 433 Mhz or 868 Mhz

If used together with FAAC doors Mod. A951 it is necessary to use a communication board Code 390166 + XF 433 Mhz o XF 868 Mhz receiver

If used with FAAC automation mod. A952 it is necessary to use RP 433 Mhz or RP 868 Mhz receiver

Model	Description	Item code
XKP W 433 INOX	Combination radio transmitter	404037
XKP W 868 INOX	Combination radio transmitter	404038

INSTALLATION ACCESSORIES



External tube adapter

401064



Adapter for column or flush mounted♦

401065

NOTE

♦ For wall installations with external or column or flush mounted pipe you must use the adapter 401064 and 401065.

Accessories

PULSE GENERATORS



T20 E
Recessed installation♦

401012



T21 EF
Wall-mounted (T21 EF) or recessed (T21 IF) installation♦

401016



T20 I
Recessed installation ♦

401014



T21 IF
Wall-mounted (T21 EF) or recessed (T21 IF) installation♦

401017



European cylinder lock (T20-T21-XK30) with customised key from 1 to 10

712052-61



Enclosure to be embedded (T20 - T21) (20 pcs. pack)

720316

>>



XK30 Key selector with lever release

391456



Plastic elbow button (dim. 95 x 250 mm)

401003



Aluminium elbow button (dim. 95 x 250 mm)

401004



Release sheath and cable for buttons T21 EF / T21 IF / XK21L (length 6 m)

390423

NOTE

♦ Provided without lock
♦ Provided without lock and designed for release device

RADARS AND SENSORS

FAAC Radars & Sensors

The FAAC sensor range offers all the latest technological solutions on the market both for automatic door opening and safety.

For door opening, FAAC uses one-directional microwave type sensors which are able to detect the movement of people correctly.

All protection sensors use the active infrared technology and protect people during the entire door movement (opening and closing); they are monitored and comply with European Standard EN 16005.

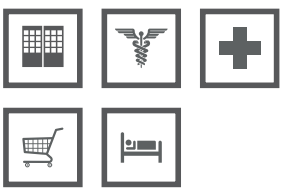
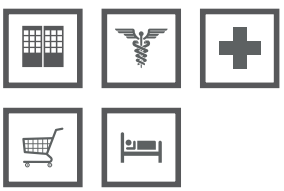
The wide range of FAAC sensors allows you to choose the best solution according to the type of installation required.

Sensor technology	People movement detection (pharmacy, offices, shops)	People or object movement detection (supermarkets, shopping centres)	People and object presence detection. Safety device
ONE-DIRECTIONAL microwave	x	x	
ACTIVE infrared	x	x	x

Common accessories for sliding doors

ITEM CODE	DESCRIPTION	RADAR DETECTION AREA (M)	SENSOR INSTALLATION HEIGHT	REMOTE CONTROL
105129	XM100 ONE One-directional microwave radar	4x2 or 2x2.25	3	-
105091	XBFRM1 One-directional microwave radar	4x2 or 2x2.25	3	-
105930 - 105931 105038 - 105039	XMS CH - XMS CHA Touchless sensor XMS CH IN - XMS CHA IN Recessed mounting touchless sensor	+/- 10 to 60 cm if movement towards sensor at 90° (adjustable)	-	yes (XMS CHA)
105104	XDT3 One-directional radar + escape route infrared safety	4x2 or 2x2.25	3,5	yes
105114	XDT1 One-directional radar + infrared safety	4x2 or 2x2.25	3,5	yes
105108	XV1 One-directional radar + infrared safety	4x2	3	-
105090	XBFA ON Active infrared sensor	2,8	3	-
105132	XBFA ST Active infrared sensor	3	3,5	yes
105118	X1S 1-Spot infrared sensor	0,4	3	-
105094 105095 105096 105107	XPBxxx ON Active infrared sensor	0.4x0.07 with 1 module 0.8x0.07 with 2 modules	3,5	-

Common accessories for sliding doors

USE APPLICATION	TYPE OF RADAR	TYPE OF SENSOR	CERTIFICATION
	People detection and people + objects	-	-
	People detection and people + objects	-	-
	Opening via touch button	-	-
	People detection and people + objects	People and object safety device	EN16005 Energy Saving For escape routes
	People detection and people + objects	People and object safety device	EN16005 Energy Saving
	People detection and people + objects	People and object safety device	EN16005 Energy Saving
	-	People and object safety device	EN16005
	-	People and object safety device	EN16005
	-	People and object safety device	-
	-	People and object safety device	EN16005

XSF SCAN

Laser Sensor



- The laser sensor detects the passage of people, counting the number that enter and leave the premises, even at the same time.
- The system can be centrally programmed to indicate that the maximum number of people allowed has been reached on a display at the entrance.
- The laser sensor has to be used together with Keydom: FAAC access control system.

Model	Description	Item code
XSF SCAN	Laser Sensor People Counting Solution	105553

EN16005 CE

TECHNICAL SPECIFICATIONS

Model	XFS SCAN
Power supply voltage	24 VDC ± 10% External DC power or PoE (IEEE802.3af)
Max. power	12 W
Dimensions (LxDxH)	200 mm [L] x 142 mm [W] x 61 mm [H] (elliptical) (if mounted with recessed accessory : visible height 37 mm, invisible height 65 mm)
Max detection distance	4m (diagonal) with reflectivity of 2% (i.e. : at W = 1.5m -> max. H = 3.7m)
Laser emission features	Wavelength 905 nm; max. pulse output 25 W; Class 1
Operating ambient temperature	- 25° C to 55°C if powered (storage temperature -35°C to +70°C)
Protection class	IP53
Technology	LASER-scanner, measurement of flight time
Certifications	2014/53/EU (RED) and Directive 2011/65/EU (RoHS)

ACCESSORIES



Wall mounting

105554



Wall mounting with false ceiling

105555



Power supply unit

105556

Photocells

CE

MINISWITCH GLS



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



Model	Description	Item code
MINISWITCH GLS	Photocell comprising 1 transmitter and 1 receiver and connecting cables with length 8 m	105209
	Recessed front panels for MINISWITCH GLS	105211

TECHNICAL SPECIFICATIONS

Model	MINISWITCH GLS
Power supply voltage	24 Vac - 24 ⎓
Max. current	70 mA
Alignment	Automatic
Reception angle	± 5°
Nominal range	5 m
Operating ambient temperature	-20°C ÷ +55°C
Protection class	IP 66

XFA BUTTON



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



Model	Description	Item code
XFA	Button photocell	105127

TECHNICAL SPECIFICATIONS

Model	XFA
Power supply voltage	5 V ± 5%
Absorbed current	< 150 mA
Receiver supply voltage	5 V ± 5%
Receiver Absorbed current	< 1 mA; permanent current (not being detected) - transistor output OFF
Receiver additional current	5 mA ± 10% (being detected) - transistor output ON

XBFRM1





Model	Description	Item code
XBFRM1	One-directional microwave radar	105091

CE

TECHNICAL SPECIFICATIONS

Model	XBFRM1
Max. power	< 2 W
Emitted power	< 20 dBm EIRP
Emitted power density	< 5 mW/cm²
Frequency of use	24.150 GHz
Installation height	from 1.8 m to 3 m
Use frequency	24.150 GHz
Power supply voltage	12 V - 24 V ~ +/-10% ; 12 V - 30 V ⎓ +/-10%
Power supply frequency	50 to 60 Hz
Detection area	4 m (L) x 2 m (D)
Tilt angle	0° to 90° vertically; –30° to +30° sideways
Dimensions (LxDxH)	120 mm (L) x 80 mm (H) x 50 mm (D)
Weight	120 g
Cable length	2.5 m
Operating ambient temperature	–20 °C to +55 °C
Protection class	IP64
Type of cover material	ABS
Cover color	black smoke
Detection mode	Movement; Min. detection speed: 5 cm/s
Technology	microwave doppler radar
Output type	SOLID STATE RELAY (with no potential, with no polarity); Max. output current: 1 A (resistive); Contact voltage: 42V AC/DC; Contact capacity: 30 W (DC) / 60 VA (AC)
Implementation directives	R&TTE 1999/5/EC; EMC 2004/108/EC

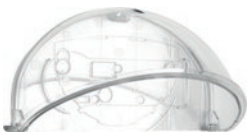
Note: unidirectionality is a feature that allows people approaching the automatic door to be detected but not their subsequent moving away, speeding up the closing of the doors

ACCESSORIES



XBA1 mounting bracket (only for XBFRM1)

105092	
105092	



XRA1 rain protection (only for XBFRM1)

105093	
105093	

XM100 ONE





Model	Description	Item code
XM100 ONE	Compact one-directional microwave radar	105129

TECHNICAL SPECIFICATIONS

Model	XM100 ONE
Max. power	< 2 W (VA)
Emitted power	< 20 dBm EIRP
Emitted power density	< 5 mW/cm²
Frequency of use	24.175 GHz
Installation height	from 1.8 m to 3 m
Power supply voltage	12 V - 24 V ⎓ +30% / -10%
Detection area	4 m (L) x 2 m (D)
Tilt angle	from 0° to 90° vertical and from -30° to +30° side
Dimensions (LxDxH)	80 mm (L) x 60 mm (H) x 55 mm (D)
Weight	140 g
Cable length	2.5 m
Operating ambient temperature	–20 °C to +55 °C
Protection class	IP54
Type of cover material	ABS & polycarbonate
Cover color	black smoke
Detection mode	Movement; Min. detection speed: 5 cm/s
Technology	hyperfrequency and microprocessor
Output type	SOLID STATE RELAY (with no potential, with no polarity); Max. output current: 1 mA; Contact voltage: 35VDC e 24VAC
Implementation directives	R&TTE 1999/5/EC; EMC 2004/108/EC

ACCESSORIES



XMRA rain protection (only for XM100 ONE)

105086
105086

XBFA ON







Model	Description	Item code
XBFA ON	Active "movement or presence" infrared sensor	105090

EN16005

CE

TECHNICAL SPECIFICATIONS

Model	XBFA ON
Max. power	< 2.2 W
Installation height	From 1.8 m to 3 m
Power supply voltage	12 V - 30 V ⎓ -5%/+10%
Tilt angle	From –4° to +4° (adjustable)
Operating ambient temperature	From –25 °C to +55 °C
Protection class	IP54
Noise	< 70 dB
Life expectancy	20 years
Detection mode	Presence; Standard response time: < 256 ms
Technology	Active infrared with background analysis; Spot diameter: 0.1 m (standard); Number of spots: max. 24 per curtain; Number of curtains: 2
Output type	SOLID STATE RELAY (standard); Max. output current: 100 mA; Contact voltage: 42 V AC/DC; Maintenance time: 0,3 to 1 s
Monitoring entrance	Sensitivity: low < 1 V; high: > 10 V (max. 30 V); Response time of the required test: standard: < 5 ms
Implementation directives	R&TTE 1999/5/EC; EMC 2004/108/EC; MD 2006/42/EC; RoHS 2002/95/EC
Compliance with regulations	EN 16005:2012; EN 12978:2009; EN IEC 62061:2005 SIL2; EN 61496-1:2012 ESPE Type 2; EN ISO 13849-1:2008 PI «c» CAT.2 (provided that the control system monitors the detector at least once for each door cycle)

Note: active monitored infrared technology in compliance with standard EN 16005 with safety double curtain.

ACCESSORIES



XDT-RA rain protection (only for XDT1, XDT3, XV1 and XBFA ON/ST)

105137

105137



Spotfinder device for identifying the position of the safety infrared curtain

785187

XBFA ST







Model	Description	Item code
XBFA ST	Active "movement or presence" infrared sensor	105132

EN16005

CE

TECHNICAL SPECIFICATIONS

Model	XBFA ST
Max. power	< 2.5 W
Installation height	From 2 m to 3.5 m
Power supply voltage	12 V - 30 V ⎓ -5%/+10%
Operating ambient temperature	–25 °C to +55 °C; 0-95% relative humidity, non-condensing
Protection class	IP54
Noise	< 70 dB
Life expectancy	20 years
Detection mode	Presence; Standard response time: <200 ms (max. 500ms)
Technology	Active infrared with background analysis; Spot: 5cm x 5cm (typ); Number of spots: max. 24 per curtain; Number of curtains: 2
Output type	SOLID STATE RELAY (standard); Max. output current: 100 mA; Contact voltage: 42 V AC/DC; Maintenance time: 0,3 to 1 s
Monitoring entrance	Sensitivity: low < 1 V; high: > 10 V (max. 30 V); Response time of the required test: standard: < 5 ms
Implementation directives	R&TTE 1999/5/EC; EMC 2004/108/EC; MD 2006/42/EC; RoHS 2002/95/EC
Compliance with regulations	EN 16005:2012 Chapter 4.6.8; EN ISO 13849-1:2008 PL «c» CAT. 2 (provided that the control system monitors the detector at least once for each door cycle); EN 12978; IEC 61496-1:2012 ESPE Type 2; DIN 18650-1:2010 Chapter 5.7.4; BS 7036-1:1996 Chapter 8.1

Note: active monitored infrared technology in compliance with standard EN 16005 with safety double curtain.

ACCESSORIES



XDT-RA rain protection
(only for XDT1, XDT3, XV1 and XBFA ON/ST)

105137
105137



Radio control TF1
(for XMS CHA XDT1, XDT3, XBFA ST adjustments)

785541

XV1







Model	Description	Item code
XV1	Mono directional "movement and presence" radar with dual technology	105108

energy saving EN16005 CE

TECHNICAL SPECIFICATIONS

Model	XV1	
Power supply	12 V - 30 V DC –5%/+10% (to be operated only with power supply units compatible with SELV regulations)	
Max. power	< 2.2 W	
Installation height	From 1.8 m to 3 m	
Monitoring entrance	< 1 V : Log. L; > 10 V: Log. H (max. 30 V)	
Operating ambient temperature	From –25 °C to +55 °C	
Protection class	IP54	
Noise	< 70 dB	
Life expectancy	20 years	
Certifications	R&TTE 1999/5/EC; MD 2006/42/EC; LVD 2006/95/EC; ROHS 2 2011/65/EU; EN 16005:2012; EN 12978:2009; EN IEC 62061:2005 SIL2, EN 61496-1:2012 ESPE Type 2; EN ISO 13849-1:2008 PI «c» CAT.2 (provided that the control system monitors the detector at least once for each door cycle)	
	GREEN LED	RED LED
Detection mode	Movement; Min. detection speed: 5 cm/s	Presence; Standard response time: < 256 ms
Technology	Microwave doppler radar; Emitted frequency: 24.150 GHz; Radiated power: < 20 dBm EIRP; Radiated power: < 20 dBm EIRP; Emitted power density: < 5 mW/cm²	Active infrared with background analysis; Spot diameter: 0.1 m (standard); Number of spots: max. 24 per curtain; Number of curtains: 2
Tilt angle	From 15° to 50° increasing (adjustable)	From –4° to +4° (adjustable)
Output type Contact current Contact ratings	Solid state relay (with no potential, with no polarity) 100 mA 42 V ~/ ⎓	Solid state relay (with no potential, with no polarity) - 100 mA - 42 V ~/ ⎓
Contact maintenance time	0.5 s	from 0.3 s to 1 s (cannot be adjusted)
Monitoring entrance		Standard: < 5 ms

ACCESSORIES



XV1-CA false ceiling recessed support (only for XV1 sensors)

105136
105136



XDT-BA mounting bracket - (only for XDT1, XDT3, XV1 sensors)

105106
105106



XDT-RA rain protection (only for XDT1, XDT3, XV1 and XBFA ON/ST)

105137
105137

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Spotfinder device for identifying the position of the safety infrared curtain

785187

XDT1





Model	Description	Item code
XDT1	Mono directional "movement and presence" radar with dual technology	105114

energy saving EN16005 CE

TECHNICAL SPECIFICATIONS

Model	XDT1	
Power supply voltage	12 V - 24 V ~ +/-10% ; 12 V - 30 V ⎓ +/-10% (to be operated only with power supply units compatible with SELV regulations)	
Max. power	< 2.5 W	
Installation height	2 m to 3.5 m (local regulations can influence the recommended fitting height)	
Operating ambient temperature	–25 °C to +55 °C; 0-95% relative humidity, non-condensing	
Protection class	IP54	
Noise	< 70 dB	
Life expectancy	20 years	
		
Detection mode	Movement; Min. detection speed: 5 cm/s	Presence; Standard response time: < 200 ms (max. 500 ms)
Technology	Microwave doppler radar; Emitted frequency: 24.150 GHz; Radiated power: < 20 dBm EIRP; Emitted power density: < 5 mW/cm²	Active infrared with background analysis Spot: 5 cm x 5 cm (typ); Number of spots: max. 24 per curtain; Number of curtains: 2
Output type	SOLID STATE RELAY; 100 mA; 42 V ~/ ⎓	SOLID STATE RELAY (standard); 100 mA; 42 V ~/ ⎓ Maintenance time: 0,3 to 1 s
Monitoring entrance		Sensitivity: low < 1 V; high: > 10 V (max. 30 V); Response time of the required test: standard: < 5 ms
Implementation directives	R&TTE 1999/5/EC; EMC 2004/108/EC; MD 2006/42/EC; RoHS 2002/95/EC	
Certifications	EN 16005:2012 Chapter 4.6.8; EN ISO 13849-1:2008 PL «c» CAT. 2 (provided that the control system monitors the detector at least once for each door cycle) EN 12978; DIN 18650-1:2010 Chapter 5.7.4; BS 7036-1:1996 Chapter 8.1	

ACCESSORIES



XDT-CA false ceiling recessed support (only for XDT1, XDT3)

105107
105107



XDT-BA mounting bracket - (only for XDT1, XDT3, XV1 sensors)

105106
105106



XDT-RA rain protection (only for XDT1, XDT3, XV1 and XBFA ON/ST)

105137
105137

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Radio control TF1 (for XMS CHA XDT1, XDT3, XBFA ST adjustments)

785541

XDT3







Model	Description	Item code
XDT3	Mono directional "movement and presence" radar with dual technology for escape routes	105104

energy saving

EN16005

TECHNICAL SPECIFICATIONS

Model	XDT3	
Power supply voltage	12 V - 24 V ~ +/-10% ; 12 V - 30 V ⎓ +/-10% (to be operated only with power supply units compatible with SELV regulations)	
Max. power	< 2.5 W	
Installation height	2 m to 3.5 m (local regulations can influence the recommended fitting height)	
Operating ambient temperature	–25 °C to +55 °C; 0-95% relative humidity, non-condensing	
Protection class	IP54	
Noise	< 70 dB	
Life expectancy	20 years	
		
Detection mode	Movement; Min. detection speed: 5 cm/s	Presence; Standard response time: < 200 ms (max. 500 ms)
Technology	Microwave doppler radar; Emitted frequency: 24.150 GHz; Radiated power: < 20 dBm EIRP; Emitted power density: < 5 mW/cm²	Active infrared with background analysis Spot: 5 cm x 5 cm (typ); Number of spots: max. 24 per curtain; Number of curtains: 2
Output type	SOLID STATE RELAY; 100 mA; 42 V ~/ ⎓ FREQUENCY OUTPUT: Pulse signal (f= 100 Hz +/- 10%);CURRENT OUTPUT: Direct current galvanically insulated Status in "no detection" condition: current power supply ON; Open circuit voltage: 6.5 V; Status in "detection" condition: current power supply OFF; Open circuit residual voltage: < 500 mV	SOLID STATE RELAY (standard); 100 mA; 42 V ~/ ⎓ Maintenance time: 0,3 to 1 s
Monitoring entrance		Sensitivity: low < 1 V; high: > 10 V (max. 30 V); Response time of the required test: standard: < 5 ms
Implementation directives	R&TTE 1999/5/EC; MD 2006/42/EC; LVD 2006/95/EC; ROHS2 2011/65/EU	
Certifications	EN 12978; EN ISO 13849-1:2008 PL «d» CAT. 2; EN 16005:2012 Chapter 4.6.8; DIN 18650-1:2010 Chapter 5.7.4; AutSchR; BS 7036-1:1996 Chapter 7.3.2 (only applicable for frequency and direct current outputs)	EN 12978; EN ISO 13849-1:2008 PL «c» CAT. 2 (provided that the control system monitors the detector at least once for each door cycle) EN 16005:2012 Chapter 4.6.8; DIN 18650-1:2010 Chapter 5.7.4; BS 7036-1:1996 Chapter 8.1

ACCESSORIES



XDT-CA false ceiling recessed support (only for XDT1, XDT3)

105107
105107



XDT-BA mounting bracket - (only for XDT1, XDT3, XV1 sensors)

105106
105106



XDT-RA rain protection (only for XDT1, XDT3, XV1 and XBFA ON/ST)

105137
105137

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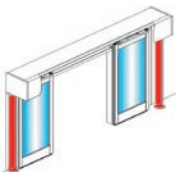
Radio control TF1 (for XMS CHA XDT1, XDT3, XBFA ST adjustments)

785541

X1S





Model	Description	Item code
X1S	Active "movement or presence" infrared sensor X1S - 1 SPOT	105118

TECHNICAL SPECIFICATIONS

Model	X1S
Max. power	120 mA @ 24V ~/80 mA @ 24 V ⎓
Installation height	0.6 - 3 m
Power supply voltage	12V - 24V ~/ ⎓ -5%/ +10%
Detection area	35x70 mm (at the height of 2.2 m)
Operating ambient temperature	From –25 °C to +55 °C; 0-95% relative humidity Non-condensing
Contact maintenance time	0.5 s
Protection class	IP53
Response time	64 ms
Detection mode	presence detector with distance measurement
Technology	active infrared
Output type	relay (free additional contact); Max contact voltage: 42V ~/ ⎓ ; 1A (resistive); Maximum switching power: 30W (V ⎓) / 60VA (~)
Compliance with regulations	Electromagnetic Compatibility (EMC) according to the 2004/108/EEC directive
Reflection	min. 10% at an IR wavelength of 850 nm
Input type	1 optocoupler (free additional contact); Maximum contact voltage: 30 V; Voltage threshold: high mode > 10 V; low mode < 1 V

ACCESSORIES



X1S-SMA Mounting bracket for X1S (only for X1S)

105119

105119

ANTI-PANIC BREAKOUT SYSTEM

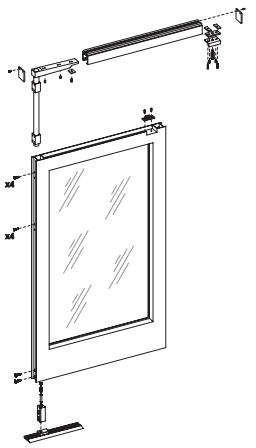
APN

ANTI-PANIC BREAKOUT SYSTEM

APN

APN

APN 1 Anti-panic breakout system



Use on automated system head sections A1000 - A1400 AIR
Hinge with ball lock
Motor stop photocell
Group of floor sliding blocks
Installation accessories
Version for mobile leaf (right or left)
Photocell fitting kit
Sticker
Adaptability to all commercial profiles with internal chamber of at least 30x30 mm

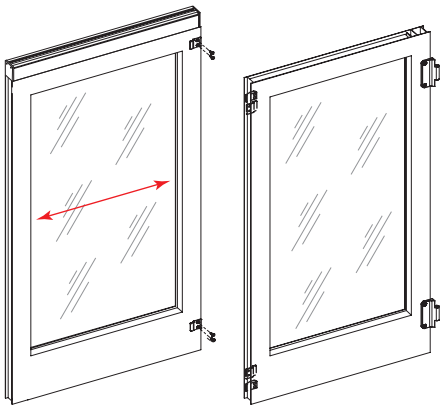
Description	Item code
Kit for mobile leaf (RH or LH)	105523

Note: add the leaf and track attachment profiles listed below to the kit.

TECHNICAL SPECIFICATIONS

Leaf length (mm)	500 ÷ 700	1000 ÷ 1200	750 ÷ 950	H max.
Max. leaf weight without anti-panic system	90 Kg	75 kg	80 kg	2800 mm

APN 1 + 1 Integral anti-panic breakout system



Use on automated system head sections A1000 - A1400 AIR
Hinge with ball lock
Group of floor sliding blocks
Installation accessories
Version for mobile and fixed leaf (right or left)
Magnetic contacts for motor stop
Anti-scratch and anti-burglar components kit for semi-fixed leaf
Cable puller for safety photocell
Sticker
Adaptability to all commercial profiles with internal chamber of at least 30x30 mm

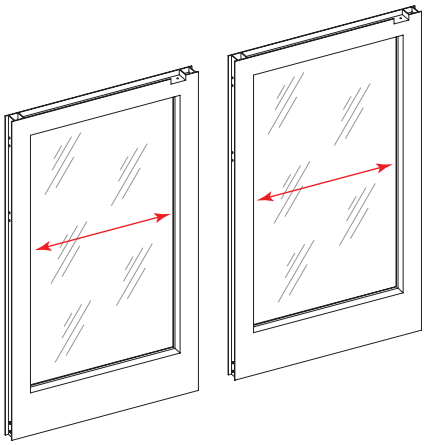
Description	Item code
Kit for mobile or semi-fixed leaf (RH or LH)	105525

Note: add the leaf and track attachment profiles listed below to the kit.

TECHNICAL SPECIFICATIONS

Leaf length (mm)	500 ÷ 700	1000 ÷ 1200	750 ÷ 950	H max.
Max. leaf weight without anti-panic system	90 Kg	75 kg	80 kg	2800 mm

APN 2 Anti-panic breakout system



Use on automated system head sections A1000 - A1400 AIR
Hinge with ball lock
Motor stop photocell
Group of floor sliding blocks
Installation accessories
Version for mobile leaf (right - left)
Photocell fitting kit
Sticker
Adaptability to all commercial profiles with internal chamber of at least 30x30 mm

Description	Item code
Kit for 2 mobile leaves	105524

Note: add the leaf and track attachment profiles listed below to the kit.

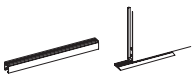
TECHNICAL SPECIFICATIONS

Leaf length (mm)	500 ÷ 700	1000 ÷ 1200	750 ÷ 950	H max.
Max. leaf weight without anti-panic system	90 Kg	75 kg	80 kg	2800 mm

APN 2 + 2 Integral anti-panic breakout system

For 2 mobile and 2 semi-fixed leaves 2 kits APN1 + 1 (Cod. 105525) are needed

ACCESSORIES TO BE ADDED TO THE APN KITS



Upper profile L 1300 mm with lower guide profile L 1500 mm

390882

NOTE

ATTENTION: make orders according to the leaf width.

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Registro Imprese di Rimini n. 00 549 540 409

RAPPORTO DI PROVA N. 312122

Luogo e data di emissione: Bellaria-Igea Marina - Italia, 28/12/2013

Committente: FAAC S.p.A. - Via Calari, 10 - 40069 ZOLA PREDOSA (BO) - Italia

Data della richiesta della prova: 18/11/2013

Numero e data della commessa: 61397, 18/11/2013

Data dell'esecuzione della prova: 26/11/2013

Oggetto della prova: Verifica in situ della forza di sfondamento di ante di chiusura automatizzata pedonale secondo il paragrafo 4.7.2.2 della norma UNI EN 16005:2012

Luogo della prova: TEKNO'S S.r.l. - Via Galileo Galilei, 1 - 35020 LEGNARO (PD) - Italia

Denominazione del campione*.

Il campione sottoposto a prova è denominato "APN 2+2".

Descrizione del campione*.

Il campione sottoposto a prova è costituito da un sistema antipanico a sfondamento per ante mobili semifisse per porte pedonali automatiche, in particolare il sistema è composto da 2 ante mobili più 2 semifisse realizzate con profili TK50, e avente le seguenti caratteristiche dimensionali:

- larghezza totale = 5320 mm;
- altezza totale = 3000 mm;

(*) secondo le dichiarazioni del Committente.

CLAUSOLE: il presente documento si riferisce solamente al campione o materiale sottoposto a prova e non può essere riprodotto parzialmente, salvo approvazione scritta dell'Istituto Giordano.

TK20, TK35 AND TK50 SERIES PROFILES

TK20 - TK35 - TK50

Typical Installation Examples page. 218

TK20 - TK35 and TK50

The complete entrance, the perfect solution to satisfy your needs.

To meet the market requirements in terms of integrated solutions for building access/exit, FAAC offers complete entrance supply.
The complete entrance is produced combining one frame (made with aluminium and glass profiles) and one automatic operator.
This price list only refers to the frame made of aluminum profiles **and does not include the automatic operator and its accessories** that must be ordered separately (the choice of operator has to be made separately to the complete entrance as it is determined by factors linked to the type of project).
The price list specifies the main characteristics of the entrances as far as size and price are concerned and includes a general diagram of the entrance on the left side, to facilitate correct installation.

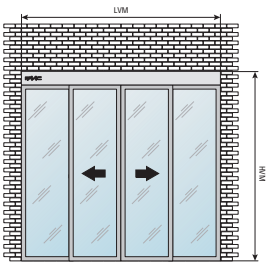
Attention to your needs.

The FAAC complete entrance price list is easy to consult and helps you choose a product tailored to your needs.

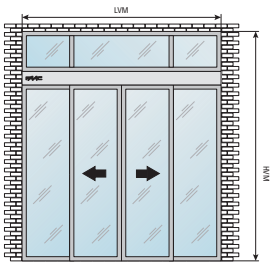
Practical and quick to have everything under control.

The price list has been divided into sheets indicating the type of profile used (TK50, TK35 or TK20 series) and the type of entrance installed (standard, standard with transom, with APN anti-panic breakout system, with APN anti-panic breakthrough system and transom).

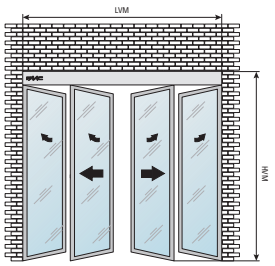
Standard entrance



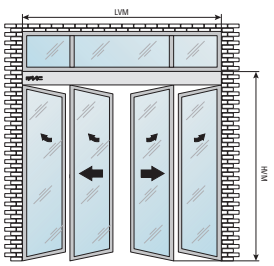
Standard entrance with transom window



Entrance with integral APN

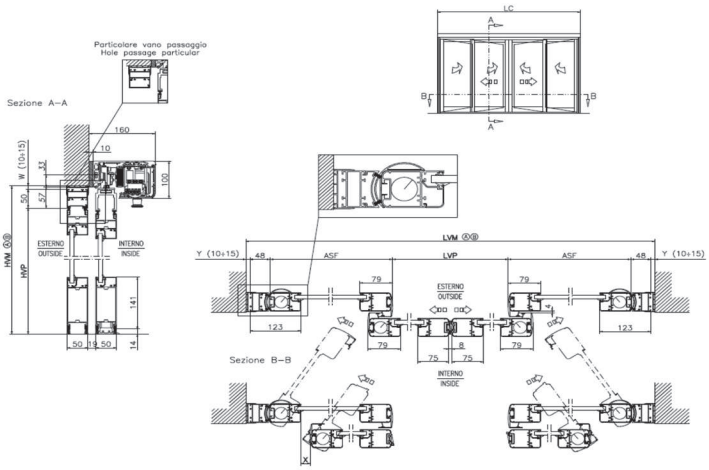


Entrance with integral APN and transom window



How to use the complete entrance price list.

The price list specifies the main characteristics of the entrances as far as size and price are concerned and includes a general diagram of the entrance on the left side, to facilitate correct installation.
Any type of non-standard entrance (not specified on the price list) can be requested directly to the FAAC technical-commercial reference person directly.
The detailed technical drawings (in pdf/dxf/dwg format) for each type of automatic door indicated in the price list, combined with the selected operator are available at FAAC.
Entrance example drawing made with TK50 series profiles, with APN anti-panic breakout system and A1000 operator.

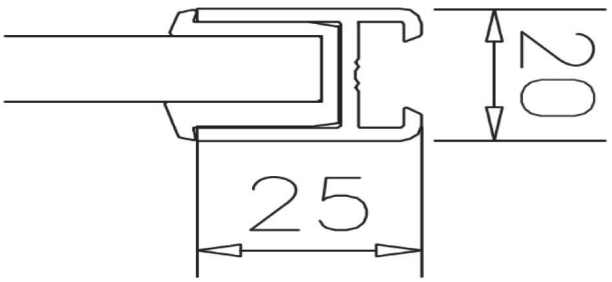


Technical specifications

The FAAC entrances have been produced with aluminium alloy profiles with transverse section of 50 mm (TK50 series), 35 mm (TK35 serie) and 20 mm (TK20).
The FAAC profiles have been specifically designed by the company's R&D department to create a product made especially for use on automated entrances that guarantees a high level of performance and that complies with all the safety requirements of the Machinery Directive 2006/42/EC and EN16005

TK20 profiles

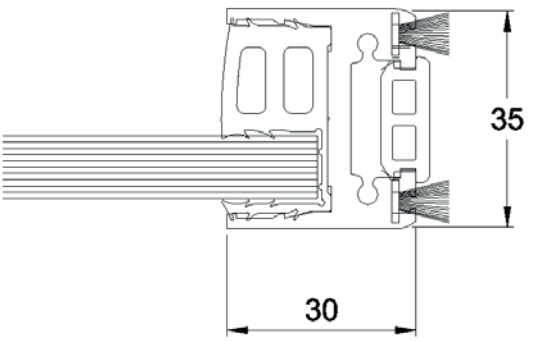
The transverse section of just 20 mm of these profiles guarantees a pleasant appearance to the entrance thanks to the reduced visible area.
The TK20 profiles can support 8 mm and 10 mm laminated glasses.
The lower shoe is 80 mm high and includes the seat for the thermal seal brush and the sliding track for the floor sliding block (guide).
At the external sides of the sliding leaves is applied a vertical rubber door seal which is coupled with the door-photocell profile: in this way the entrance thermal sealing is optimised.
The central stop between the 2 sliding leaves (or the wall in the case of a single leaf) consists of a rubber shaped seal that optimises the alignment of the leaves and the thermal seal.

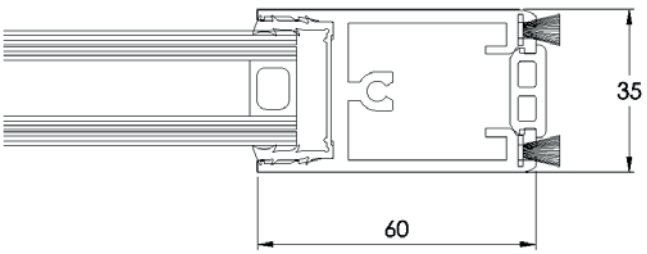


Example of transverse section of the profile TK20 (width 20 mm)

TK35 Profiles

The TK35 series profiles make the leaves easy to manage and assemble. The profiles are made of 35mm EN AW-6060 extruded aluminum alloy sections, suitable for making doors for standard or telescopic automatic entrances.
The TK35 system can house the seals for 10 mm single or 24 mm double glazing panels.
Rubber seals have been fitted at the center of the sliding leaves together with brushes that ensure that it is properly sealed, limiting the entry of air and dust.
The skirting, made using the BASIC profile, can house a special aluminum profile for the floor shoe, as well as being used to attach the heat seal brushes.
A “labyrinth” system consisting of two vertical profiles and an edge brush that intersect when the doors are closed are used at the sides. This labyrinth system increases the capability of the entrance to prevent heat dispersion.

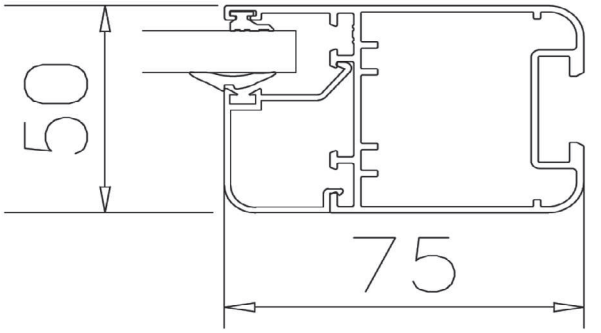




Example of transverse section of the profile TK35 (width 35 mm)

TK50 profiles

The 50 mm transverse section of these profiles guarantees a high resistance to mechanical stress to the entrance.
The TK50 profiles can support both laminated glasses (8 mm and 10 mm) and double-glazing (up to 32 mm thickness).
Vertical profiles and glass guides have rounded (non-sharp) edges, in order to increase safety in the case of a collision.
The lower shoe is 141 mm high and includes the seats for the thermal seal brushes and the sliding track for the floor sliding block (guide).
At the external sides of the sliding leaves is applied a vertical door profile which is coupled with the door-photocell profile by means of a "fin" rubber seal: in this way a "labyrinth" system is created which optimises the entrance thermal sealing.
The "labyrinth" system also increases break-in resistance on entrances equipped with APN anti-panic breakout system.
The central stop between the 2 sliding leaves (or the wall in the case of a single leaf) consists of a rubber shaped seal that optimises the alignment of the leaves and the thermal seal.
The specific structure of the TK50 profiles makes them perfect for being combined with the FAAC APN anti-panic breakout system: the semi-fixed side leaves are level to the structure and reduce the risk of cut/shearing/entrapment to the minimum.
The specific shape of the system also allows the hinges to be hidden, thus improving its appearance.



Example of transverse section of the profile TK50 (width 50 mm)

TK20 - TK35 and TK50

FAAC entrances supply conditions.

The price list includes:

- The complete frame (corresponding to the type chosen), including the glass seals (glass excluded, can be provided as an option with extra charge), air sealing brushes, floor guides for sliding leaves, APN anti-panic breakout system (where provided).
- The complete entrance has a silver anodized finish (RAL and special anodizing can be supplied at additional cost, see details below).
- The complete entrance is supplied with pre-assembled TK50 and TK35 series leaves* to reduce assembly time on site.
- The TK20 and TK35 series (without glass) is supplied disassembled since it cannot be pre-assembled without glass.
- The wooden packaging suitable for transport on a vehicle (the type of packaging varies according to the type of entrance).
- For packaging such as CAGE, the price must be determined based on the dimension and entrance type.

** TK50 pre-assembled leaves: the leaves are pre-assembled in the FAAC production plant, waiting for the final customer to introduce the glass and block it with the seals and glass guides provided by FAAC. If FAAC also provides the glass, the leaves are provided completely assembled.*

The price list does not include:

- Inspection on site and measurement of the dimensions in the installation areas.
- Masonry and set-ups on the installation site.
- The automation and relative control accessories to be combined with the entrance (to be ordered separately, according to the customer's technical and aesthetic requirements).
- Glasses (provided by the customer. FAAC can also provide the glasses as an option, with extra charge; this must be defined according to the type of glass and entrance size).
- Consumable materials for installation on site (nuts and bolts, sealing paste, etc.).
- Unloading of the materials on the installation site.
- VAT and transport.

TK20 - TK35 and TK50

Definition of the price list:

- The prices shown refer to the individual entrance, according to the selected type and dimensions.
- The price for the intermediate size entrance in the price list will be that of the subsequent box.

Extra charge options:

DESCRIPTION	
Standard RAL painting(operator cover not included):	for each entrance **(net price)**
Standard RAL painting FROM THE SECOND ENTRANCE ONWARDS (operator cover not included):	for each entrance **(net price)**
Standard selection: **RAL 1013, 8017, 3002, 5010, 6005, 9006, 7035, 1007, 1018, 1021, 2002, 2008, 3003, 5005, 5015, 6009, 6011, 6021, 7001, 7005, 7016, 7022, 8003, 8011, 8019, 9002, 9005, 9007, 9010, BRONZE TEC, ELOX 2007, ELOX 2008, IRON GRAY, GRAPHITE GRAY, MARS, BLACK, VIM 554, SABLE 100, SABLE 200, SABLE 300, SABLE 500, SABLE 600, SABLE 700, SABLE 900, ANTIQUE WHITE, ANTIQUE GRAY, ANTIQUE BROWN, ANTIQUE GREEN**	
Special RAL painting chosen by the client (operator cover not included)	for each entrance **(net price)**
SPECIAL RAL painting FROM THE SECOND ENTRANCE ONWARDS (operator cover not included):	for each entrance **(net price)**
Extra SILVER anodizing (operator cover excluded) standard selection: **SILVER 1, BRONZE, ELOX**	for each entrance **(net price)**
Operator cover with accessories painted RAL (length up to 3500 mm)	for each entrance **(price list to be discounted)**
Operator cover with accessories painted RAL (for length from 3501 mm to 6100 mm)	for each entrance **(price list to be discounted)**
Leaf panel	**(net price per square meter)**
Hook lock with key (fitted on the frame)	for each leaf **(price list to be discounted)**
Pass lock with vertical rods and 3 keys (fitted on the frame)	for each leaf **(price list to be discounted)**
Blind lock with vertical rods and 3 keys (fitted on the frame)	for each leaf **(price list to be discounted)**
Bumper band only for TK50	per meter for each leaf **(price list to be discounted)**
Flat band 70x10 mm only for A1000 (mandatory with TK50)	per meter for each leaf **(price list to be discounted)**

Type of glass

The market can provide various types of glass. FAAC can provide many types of glass according to the customer's needs. Should the customer want to order an entrance with glasses, all glass information must be provided as well.

The most common types of glass follow:

TYPE OF GLASS
Laminated glass, thickness: 8 mm
Laminated glass, thickness: 10 mm
24 mm insulating (double) glass
27 mm insulating (double) glass
28 mm insulating (double) glass
32 mm insulating (double) glass

PROFILES FOR 50 MM AUTOMATIC DOORS

TK50

TK50

Profiles for complete assembled entrances
Item Code: 1055601

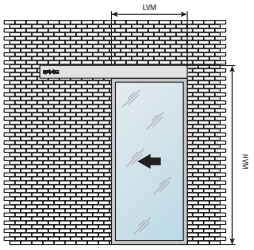


The following tables show the prices of the complete entrances, produced with FAAC TK50 series aluminium profiles.
The TK50 profiles have a 50 mm transverse section and can support different glass thicknesses (single or double).
The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes.
The entrances are packed on wooden mounts which protect them during transport.
On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge.
The prices refer to the supply of entrances with pre-assembled leaves (in order to reduce work on site).
The following components, which can be ordered separately, are not included in the supply:

- automated system
- glazing

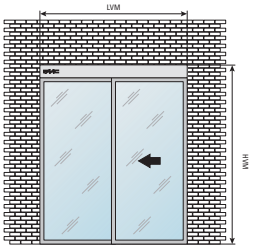
Transport, fitting, activation and final inspection costs are not included in the quotation.

ENTRANCE WITH 1 SLIDING LEAF (RIGHT OR LEFT OPENING)



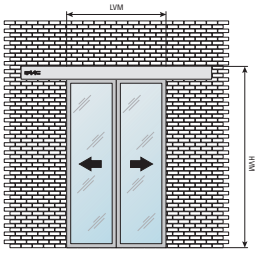
Description	LVM mm	HVM 2500 mm	HVM 3000 mm
Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*)	1000		
	1200		
	1600		
	2000		

ENTRANCE WITH 1 SLIDING LEAF + 1 FIXED SIDE LEAF (RIGHT OR LEFT OPENING)



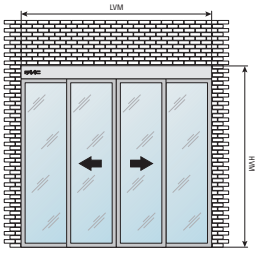
Description	LVM mm	HVM 2500 mm	HVM 3000 mm
Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*)	1200		
	1600		
	2000		
	3000		

ENTRANCE WITH 2 SLIDING LEAVES



Description	LVM mm	HVM 2500 mm	HVM 3000 mm
Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*)	1200		
	1500		
	2000		
	2600		
	3000		

ENTRANCE WITH 2 SLIDING LEAVES + 2 FIXED SIDE LEAVES



Description	LVM mm	HVM 2500 mm	HVM 3000 mm
Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*)	2000		
	3000		
	4000		
	5000		

Key
LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.

TK50

Profiles for complete assembled entrances with transom window

Item Code: 1055601

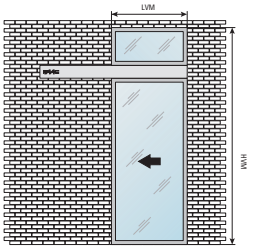


The following tables show the prices of the complete entrances, produced with FAAC TK50 series aluminium profiles.
The TK50 profiles have a 50 mm transverse section and can support different glass thicknesses (single or double).
The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes.
The entrances are packed on wooden mounts which protect them during transport.
On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge.
The prices refer to the supply of entrances with pre-assembled leaves (in order to reduce work on site).
The following components, which can be ordered separately, are not included in the supply:

- automated system
- glazing

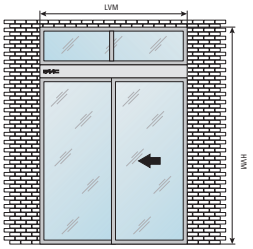
Transport, fitting, activation and final inspection costs are not included in the quotation.

ENTRANCE WITH 1 SLIDING LEAF WITH TRANSOM WINDOW (RIGHT OR LEFT OPENING)



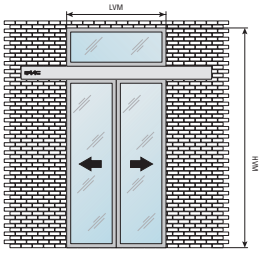
Description	LVM mm	HVM 3450 mm	HVM 4000 mm
Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*)	1000		
	1200		
	1600		
	2000		

ENTRANCE WITH 1 SLIDING LEAF + 1 FIXED SIDE LEAF WITH TRANSOM WINDOW (RIGHT OR LEFT OPENING)



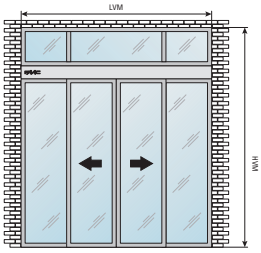
Description	LVM mm	HVM 3450 mm	HVM 4000 mm
Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*)	1200		
	1600		
	2000		
	3000		

ENTRANCE WITH 2 SLIDING LEAVES WITH TRANSOM WINDOW



Description	LVM mm	HVM 3450 mm	HVM 4000 mm
FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*).	1200		
	1600		
	2000		
	2600		
	3000		

ENTRANCE WITH 2 SLIDING LEAVES + 2 FIXED SIDE LEAVES WITH TRANSOM WINDOW



Description	LVM mm	HVM 3450 mm	HVM 4000 mm
Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*)	2000		
	3000		
	4000		
	5000		

Key
LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.

TK50

Profiles for complete telescopic assembled entrances
Item Code: 1055611

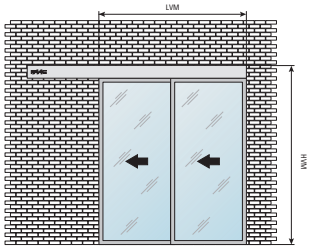


The following tables show the prices of the telescopic complete entrances, produced with FAAC TK50 series aluminium profiles.
The TK50 profiles have a 50 mm transverse section and can support different glass thicknesses (single or double).
The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes.
The entrances are packed on wooden mounts which protect them during transport.
On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge.
The prices refer to the supply of entrances with pre-assembled leaves (in order to reduce work on site).
The following components, which can be ordered separately, are not included in the supply:

- automated system
- glazing

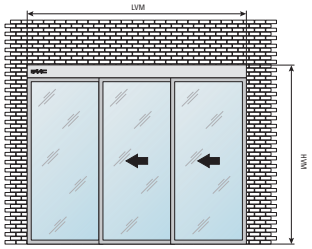
Transport, fitting, activation and final inspection costs are not included in the quotation.

ENTRANCE WITH 1 TELESCOPIC SLIDING LEAF (RIGHT OR LEFT OPENING)



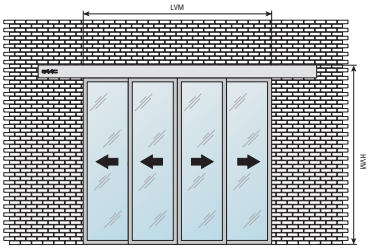
Description	LVM mm	HVM 2500 mm	HVM 3000 mm
Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*)	1200		
	1600		
	2000		
	3000		

ENTRANCE WITH 1 TELESCOPIC SLIDING LEAF + 1 FIXED SIDE LEAF (RIGHT OR LEFT OPENING)



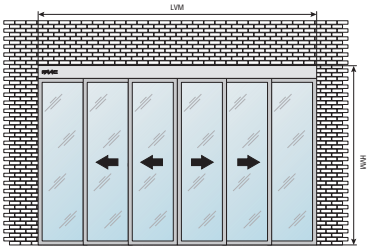
Description	LVM mm	HVM 2500 mm	HVM 3000 mm
Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*)	1800		
	2600		
	3200		
	4000		
	4600		

ENTRANCE WITH 2 TELESCOPIC SLIDING LEAVES



Description	LVM mm	HVM 2500 mm	HVM 3000 mm
Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*)	2400		
	3200		
	4000		
	4600		

ENTRANCE WITH 2 TELESCOPIC SLIDING LEAVES + 2 FIXED SIDE LEAVES



Description	LVM mm	HVM 2500 mm	HVM 3000 mm
FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*).	3000		
	4000		
	5000		
	6100		

Key
LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.

TK50

Profiles for complete telescopic assembled entrances with transom window

Item Code: 1055611

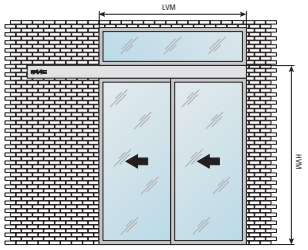


The following tables show the prices of the telescopic complete entrances, produced with FAAC TK50 series aluminium profiles with transom window.
The TK50 profiles have a 50 mm transverse section and can support different glass thicknesses (single or double).
The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes.
The entrances are packed on wooden mounts which protect them during transport.
On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge.
The prices refer to the supply of entrances with pre-assembled leaves (in order to reduce work on site).
The following components, which can be ordered separately, are not included in the supply:

- automated system
- glazing

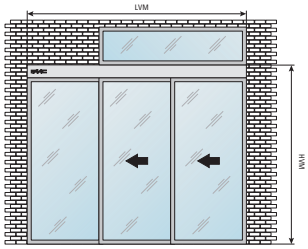
Transport, fitting, activation and final inspection costs are not included in the quotation.

ENTRANCE WITH 1 TELESCOPIC SLIDING LEAF WITH TRANSOM WINDOW (RIGHT OR LEFT OPENING)



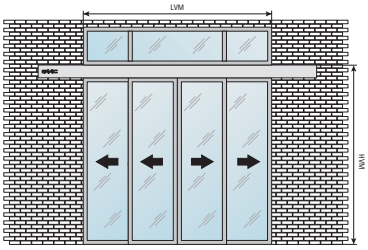
Description	LVM mm	HVM 3450 mm	HVM 4000 mm
Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*)	1200		
	1600		
	2000		
	3000		

ENTRANCE WITH 1 TELESCOPIC SLIDING LEAF + 1 FIXED SIDE LEAF WITH TRANSOM WINDOW (RIGHT OR LEFT OPENING)



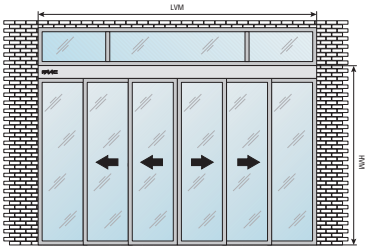
Description	LVM mm	HVM 3450 mm	HVM 4000 mm
Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*)	1800		
	2600		
	3200		
	4000		
	4600		

ENTRANCE WITH 2 TELESCOPIC SLIDING LEAVES WITH TRANSOM WINDOW



Description	LVM mm	HVM 3450 mm	HVM 4000 mm
Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*)	2400		
	3200		
	4000		
	4600		

ENTRANCE WITH 2 TELESCOPIC SLIDING LEAVES + 2 FIXED SIDE LEAVES WITH TRANSOM WINDOW



Description	LVM mm	HVM 3450 mm	HVM 4000 mm
Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*)	3000		
	4000		
	5000		
	6100		

Key
LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.

TK50

Profiles for complete entrances with APN anti-panic breakout system

Item Code: 1055621



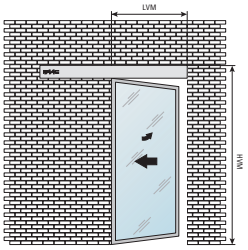
The following tables show the prices of the complete entrances, produced with FAAC TK50 series aluminium profiles with APN anti-panic breakout system.
The APN mechanical system can be installed on the sliding leaf and on the semi-fixed, side leaf (if present). On the entrances fitted on escape routes it allows swing opening of the leaf in the case of emergency.
If only the sliding leaf is present, the operator must be installed outside the building
The TK50 profiles have a 50 mm transverse section and can support different glass thicknesses (single or double).
The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes.
The entrances are packed on wooden mounts which protect them during transport.
On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge.
The prices refer to the supply of entrances with pre-assembled leaves (in order to reduce work on site).
The following components, which can be ordered separately, are not included in the supply:

- automated system
- glazing

Transport, fitting, activation and final inspection costs are not included in the quotation.

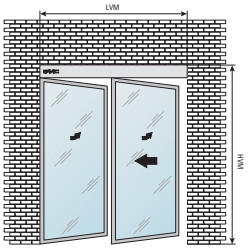


ENTRANCE WITH 1 SLIDING LEAF WITH APN (RIGHT OR LEFT OPENING)



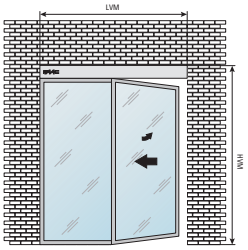
Description	LVM mm	HVM 2150 mm	HVM 2500 mm
Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*)	800		
	1000		
	1200		

ENTRANCE WITH 1 SLIDING LEAF + 1 SEMI-FIXED SIDE LEAF AND INTEGRAL APN (RIGHT OR LEFT OPENING)



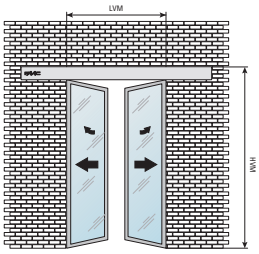
Description	LVM mm	HVM 2150 mm	HVM 2500 mm
Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*)	1200		
	1600		
	2000		
	2400		

ENTRANCE WITH 1 SLIDING LEAF + 1 FIXED SIDE LEAF AND PARTIAL APN



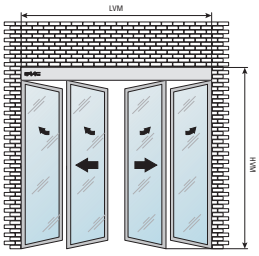
Description	LVM mm	HVM 2150 mm	HVM 2500 mm
Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*)	1200		
	1600		
	2000		
	2400		

ENTRANCE WITH 2 SLIDING LEAVES AND APN



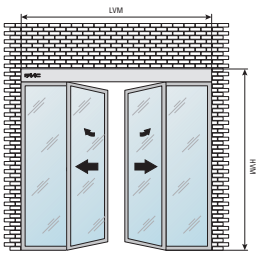
Description	LVM mm	HVM 2150 mm	HVM 2500 mm
Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*)	1200		
	1600		
	2000		
	2600		

ENTRANCE WITH 2 SLIDING LEAVES + 2 SEMI-FIXED SIDE LEAVES AND INTEGRAL APN



Description	LVM mm	HVM 2150 mm	HVM 2500 mm
Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*)	2000		
	3000		
	4000		
	4500		

ENTRANCE WITH 2 SLIDING LEAVES + 2 FIXED SIDE LEAVES AND INTEGRAL APN



Description	LVM mm	HVM 2150 mm	HVM 2500 mm
Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*)	2000		
	3000		
	4000		
	4500		

Key
LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.
(**) In this version the automated system must be installed on the same side of the breakout opening.

TK50

Profiles for complete entrances with APN anti-panic breakout system and transom window

Item Code: 1055621



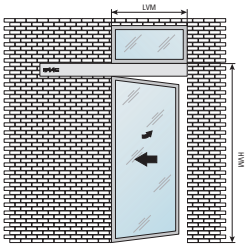
The following tables show the prices of the telescopic complete entrances, produced with FAAC TK50 series aluminium profiles with APN and transom window.
The APN mechanical system can be installed on the sliding leaf and on the semi-fixed, side leaf (if present). On the entrances fitted on escape routes it allows swing opening of the leaf in the case of emergency.
If only the sliding leaf is present, the operator must be installed outside the building
The TK50 profiles have a 50 mm transverse section and can support different glass thicknesses (single or double).
The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes.
The entrances are packed on wooden mounts which protect them during transport.
On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge.
The prices refer to the supply of entrances with pre-assembled leaves (in order to reduce work on site).
The following components, which can be ordered separately, are not included in the supply:

- automated system
- glazing

Transport, fitting, activation and final inspection costs are not included in the quotation.

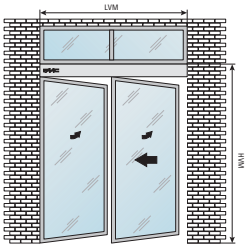


ENTRANCE WITH 1 SLIDING LEAF WITH TRANSOM WINDOW AND APN (RIGHT OR LEFT OPENING)



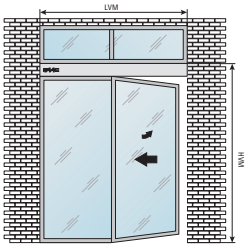
Description	LVM mm	HVM 3500 mm	HVM 4000 mm
Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*)	800		
	1000		
	1200		

ENTRANCE WITH 1 SLIDING LEAF + 1 SEMI-FIXED SIDE LEAF AND INTEGRAL APN (RIGHT OR LEFT OPENING)



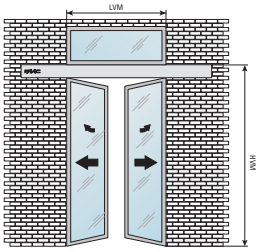
Description	LVM mm	HVM 3500 mm	HVM 4000 mm
Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*)	1200		
	1600		
	2000		
	2400		

ENTRANCE WITH 1 SLIDING LEAF + 1 FIXED SIDE LEAF WITH TRANSOM WINDOW AND PARTIAL APN



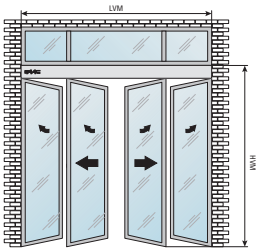
Description	LVM mm	HVM 3500 mm	HVM 4000 mm
Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*)	1200		
	1600		
	2000		
	2400		

ENTRANCE WITH 2 SLIDING LEAVES WITH TRANSOM WINDOW AND APN



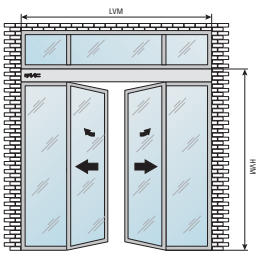
Description	LVM mm	HVM 3500 mm	HVM 4000 mm
Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*)	1200		
	1500		
	2000		
	2600		

ENTRANCE WITH 2 SLIDING LEAVES + 2 SEMI-FIXED SIDE LEAVES WITH TRANSOM WINDOW AND INTEGRAL APN



Description	LVM mm	HVM 3500 mm	HVM 4000 mm
Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*)	2000		
	2000		
	4000		
	4500		

ENTRANCE WITH 2 SLIDING LEAVES + 2 FIXED SIDE LEAVES WITH TRANSOM WINDOW AND INTEGRAL APN



Description	LVM mm	HVM 3500 mm	HVM 4000 mm
Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*)	2000		
	2000		
	4000		
	4500		

Key
LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.
(**) In this version the automated system must be installed on the same side of the breakout opening.

35 MM AUTOMATIC DOOR PROFILES ASSEMBLED VERSION

TK35

35 MM AUTOMATIC DOOR PROFILES ASSEMBLED VERSION

TK35

TK35

Profiles for complete assembled entrances
Item Code: 1050031

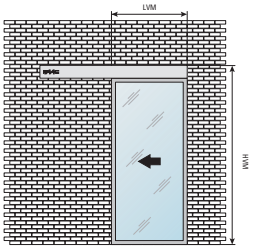


The following tables show the prices of the complete entrances, produced with FAAC TK35 series aluminium profiles.
The TK35 profiles have a 35 mm transverse section and can support different glass thicknesses (single or double), up to 24mm.
The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes.
The entrances are packed on wooden mounts which protect them during transport.
On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge.
The prices refer to entrances with pre-assembled leaves (to reduce assembly time on site) with glass quoted separately.
The following components, which can be ordered separately, are not included in the supply:

- automated system
- glazing

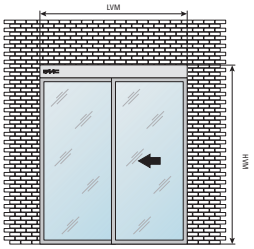
Transport, fitting, activation and final inspection costs are not included in the quotation.

ENTRANCE WITH 1 SLIDING LEAF (RIGHT OR LEFT OPENING)



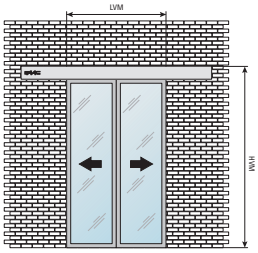
Description	LVM mm	HVM 2500 mm	HVM 3000 mm
Frame for FAAC complete entrance made of TK35 profiles supplied pre-assembled and with glass seals (*).	1000		
	1200		
	1600		
	2000		

ENTRANCE WITH 1 SLIDING LEAF + 1 FIXED SIDE LEAF (RIGHT OR LEFT OPENING)



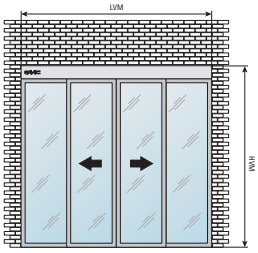
Description	LVM mm	HVM 2500 mm	HVM 3000 mm
Frame for FAAC complete entrance made of TK35 profiles supplied pre-assembled and with glass seals (*).	1200		
	1600		
	2000		
	3000		

ENTRANCE WITH 2 SLIDING LEAVES



Description	LVM mm	HVM 2500 mm	HVM 3000 mm
Frame for FAAC complete entrance made of TK35 profiles supplied pre-assembled and with glass seals (*).	1200		
	1600		
	2000		
	2600		
	3000		

ENTRANCE WITH 2 SLIDING LEAVES + 2 FIXED SIDE LEAVES



Description	LVM mm	HVM 2500 mm	HVM 3000 mm
Frame for FAAC complete entrance made of TK35 profiles supplied pre-assembled and with glass seals (*).	2000		
	3000		
	4000		
	5000		

Key
LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.

TK35

Profiles for complete assembled entrances with transom window
Item Code: 1050031

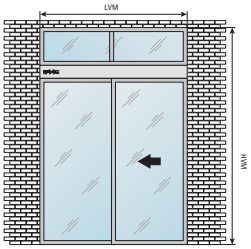


The following tables show the prices of complete entrances, with transom window, made with FAAC TK35 series aluminum profiles.
The TK35 profiles have a 35 mm transverse section and can support different glass thicknesses (single or double), up to 24mm.
The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes.
The entrances are packed on wooden mounts which protect them during transport.
On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge.
The prices refer to entrances with pre-assembled leaves (to reduce assembly time on site) with glass quoted separately.
The following components, which can be ordered separately, are not included in the supply:

- automated system
- glazing

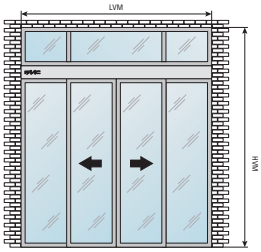
Transport, fitting, activation and final inspection costs are not included in the quotation.

ENTRANCE WITH 1 SLIDING LEAF + 1 FIXED SIDE LEAF WITH TRANSOM WINDOW (RIGHT OR LEFT OPENING)



Description	LVM mm	HVM 3500 mm	HVM 4000 mm
Frame for FAAC complete entrance made of TK35 profiles supplied pre-assembled and with glass seals (*).	1200		
	1600		
	2000		
	3000		

ENTRANCE WITH 2 SLIDING LEAVES + 2 FIXED SIDE LEAVES WITH TRANSOM WINDOW



Description	LVM mm	HVM 3500 mm	HVM 4000 mm
Frame for FAAC complete entrance made of TK35 profiles supplied pre-assembled and with glass seals (*).	2000		
	3000		
	4000		
	5000		

Key
LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.

TK35

Profiles for complete telescopic assembled entrances

Item Code: 1050041

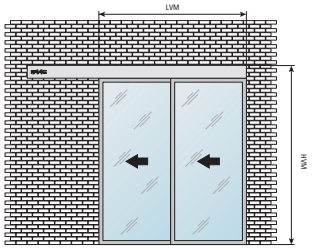


The following tables show the prices of the complete entrances, produced with FAAC TK35 series aluminium profiles.
The TK35 profiles have a 35 mm transverse section and can support different glass thicknesses (single or double), up to 24mm.
The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes.
The entrances are packed on wooden mounts which protect them during transport.
On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge.
The prices refer to entrances with pre-assembled leaves (to reduce assembly time on site) with glass quoted separately.
The following components, which can be ordered separately, are not included in the supply:

- automated system
- glazing

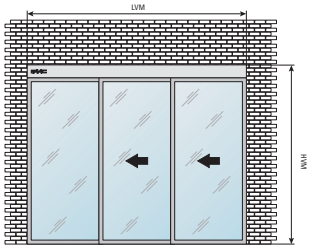
Transport, fitting, activation and final inspection costs are not included in the quotation.

ENTRANCE WITH 1 TELESCOPIC SLIDING LEAF (RIGHT OR LEFT OPENING)



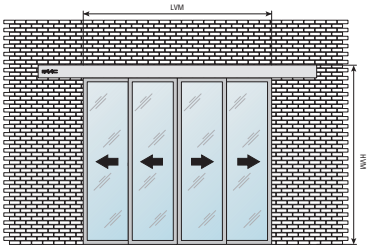
Description	LVM mm	HVM 2500 mm	HVM 3000 mm
Frame for FAAC complete entrance made of TK35 profiles supplied pre-assembled and with glass seals (*).	1200		
	1600		
	2000		
	3000		

ENTRANCE WITH 1 TELESCOPIC SLIDING LEAF + 1 FIXED SIDE LEAF (RIGHT OR LEFT OPENING)



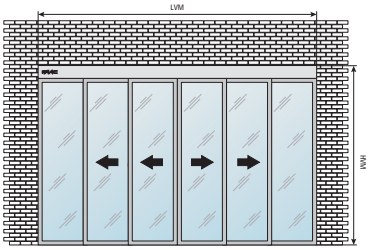
Description	LVM mm	HVM 2500 mm	HVM 3000 mm
Frame for FAAC complete entrance made of TK35 profiles supplied pre-assembled and with glass seals (*).	1800		
	2600		
	3200		
	4000		
	4600		

ENTRANCE WITH 2 TELESCOPIC SLIDING LEAVES



Description	LVM mm	HVM 2500 mm	HVM 3000 mm
Frame for FAAC complete entrance made of TK35 profiles supplied pre-assembled and with glass seals (*).	2400		
	3200		
	4000		
	4600		

ENTRANCE WITH 2 TELESCOPIC SLIDING LEAVES + 2 FIXED SIDE LEAVES



Description	LVM mm	HVM 2500 mm	HVM 3000 mm
Frame for FAAC complete entrance made of TK35 profiles supplied pre-assembled and with glass seals (*)	3000		
	4000		
	5000		
	6100		

Key
LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.

TK35

Profiles for complete telescopic assembled entrances with transom window

Item Code: 1050041

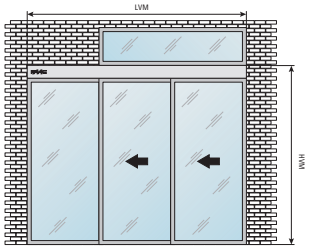


The following tables show the prices of complete telescopic entrances, with transom window, made with FAAC TK35 series aluminum profiles.
The TK35 profiles have a 35 mm transverse section and can support different glass thicknesses (single or double), up to 24mm.
The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes.
The entrances are packed on wooden mounts which protect them during transport.
On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge.
The prices refer to entrances with pre-assembled leaves (to reduce assembly time on site) with glass quoted separately.
The following components, which can be ordered separately, are not included in the supply:

- automated system
- glazing

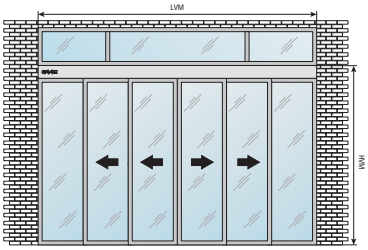
Transport, fitting, activation and final inspection costs are not included in the quotation.

ENTRANCE WITH 1 TELESCOPIC SLIDING LEAF + 1 FIXED SIDE LEAF WITH TRANSOM WINDOW (RIGHT OR LEFT OPENING)



Description	LVM mm	HVM 3500 mm	HVM 4000 mm
Frame for FAAC complete entrance made of TK35 profiles supplied pre-assembled and with glass seals (*).	1800		
	2600		
	3200		
	4000		
	4600		

ENTRANCE WITH 2 TELESCOPIC SLIDING LEAVES + 2 FIXED SIDE LEAVES WITH TRANSOM WINDOW



Description	LVM mm	HVM 3500 mm	HVM 4000 mm
Frame for FAAC complete entrance made of TK35 profiles supplied pre-assembled and with glass seals (*).	3000		
	4000		
	5000		
	6100		

Key
LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.

35 MM AUTOMATIC DOOR PROFILES NON-ASSEMBLED VERSION

TK35

35 MM AUTOMATIC DOOR PROFILES NON-ASSEMBLED VERSION

TK35

TK35

Profiles for non-assembled complete entrances
Item Code: 1050031

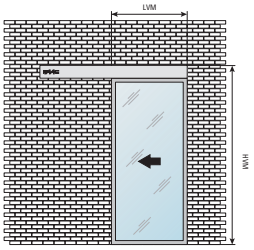


The following tables show the prices of the complete entrances, produced with FAAC TK35 series aluminium profiles.
The TK35 profiles have a 35 mm transverse section and can support different glass thicknesses (single or double), up to 24mm.
The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes.
The entrances are packed in cardboard to protect them during transport.
On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge.
The prices indicated refer to entrances with non-assembled leaves and cut to size: these have to be mounted onto the glass by the customer.
The following components, which can be ordered separately, are not included in the supply:

- automated system

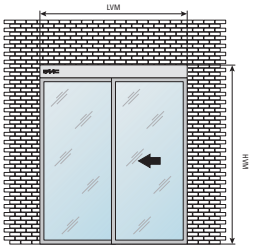
Transport, fitting, activation and final inspection costs are not included in the quotation.
N.B. If the glazing is also required, please refer to the pre-assembled TK35 price list.

ENTRANCE WITH 1 SLIDING LEAF (RIGHT OR LEFT OPENING)



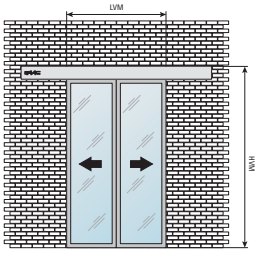
Description	LVM mm	HVM 2500 mm	HVM 3000 mm
Frame for FAAC complete entrance made of TK35 profiles, supplied non-assembled and with seals for the glass (*)	1000		
	1200		
	1600		
	2000		

ENTRANCE WITH 1 SLIDING LEAF + 1 FIXED SIDE LEAF (RIGHT OR LEFT OPENING)



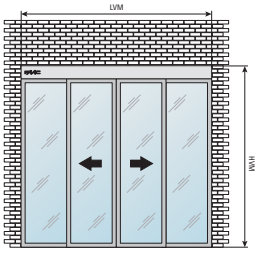
Description	LVM mm	HVM 2500 mm	HVM 3000 mm
Frame for FAAC complete entrance made of TK35 profiles, supplied non-assembled and with seals for the glass (*)	1200		
	1600		
	2000		
	3000		

ENTRANCE WITH 2 SLIDING LEAVES



Description	LVM mm	HVM 2500 mm	HVM 3000 mm
Frame for FAAC complete entrance made of TK35 profiles, supplied non-assembled and with seals for the glass (*)	1200		
	1600		
	2000		
	2600		
	3000		

ENTRANCE WITH 2 SLIDING LEAVES + 2 FIXED SIDE LEAVES



Description	LVM mm	HVM 2500 mm	HVM 3000 mm
Frame for FAAC complete entrance made of TK35 profiles, supplied non-assembled and with seals for the glass (*)	2000		
	3000		
	4000		
	5000		

Key
LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.
(**) In this version the automated system must be installed on the same side of the breakout opening.

TK35

Profiles for non-assembled complete entrances and transom window

Item Code: 1050031

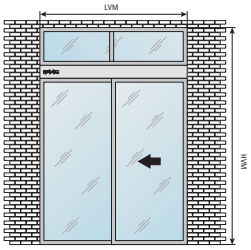


The following tables show the prices of complete entrances, with transom window, made with FAAC TK35 series aluminum profiles.
The TK35 profiles have a 35 mm transverse section and can support different glass thicknesses (single or double), up to 24mm.
The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes.
The entrances are packed in cardboard to protect them during transport.
On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge.
The prices indicated refer to entrances with non-assembled leaves and cut to size: these have to be mounted onto the glass by the customer.
The following components, which can be ordered separately, are not included in the supply:

- automated system

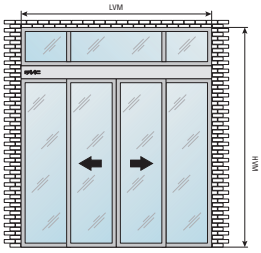
Transport, fitting, activation and final inspection costs are not included in the quotation.
N.B. If the glazing is also required, please refer to the pre-assembled TK35 price list.

ENTRANCE WITH 1 SLIDING LEAF + 1 FIXED SIDE LEAF WITH TRANSOM WINDOW (RIGHT OR LEFT OPENING)



Description	LVM mm	HVM 3500 mm	HVM 4000 mm
Frame for FAAC complete entrance made of TK35 profiles, supplied non-assembled and with seals for the glass (*)	1200		
	1600		
	2000		
	3000		

ENTRANCE WITH 2 SLIDING LEAVES + 2 FIXED SIDE LEAVES WITH TRANSOM WINDOW



Description	LVM mm	HVM 3500 mm	HVM 4000 mm
Frame for FAAC complete entrance made of TK35 profiles, supplied non-assembled and with seals for the glass (*)	2000		
	3000		
	4000		
	5000		

Key
LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.
(**) In this version the automated system must be installed on the same side of the breakout opening.

TK35

Profiles for complete telescopic non-assembled entrances

Item Code: 1050041

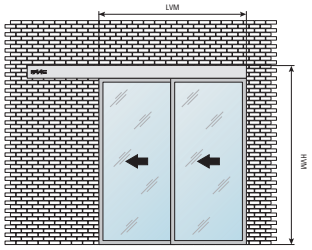


The following tables show the prices of complete telescopic entrances made with FAAC TK35 series aluminum profiles.
The TK35 profiles have a 35 mm transverse section and can support different glass thicknesses (single or double), up to 24mm.
The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes.
The entrances are packed in cardboard to protect them during transport.
On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge.
The prices indicated refer to entrances with non-assembled leaves and cut to size: these have to be mounted onto the glass by the customer.
The following components, which can be ordered separately, are not included in the supply:

- automated system

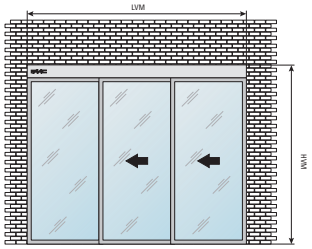
Transport, fitting, activation and final inspection costs are not included in the quotation.
N.B. If the glazing is also required, please refer to the pre-assembled TK35 price list.

ENTRANCE WITH 1 TELESCOPIC SLIDING LEAF (RIGHT OR LEFT OPENING)



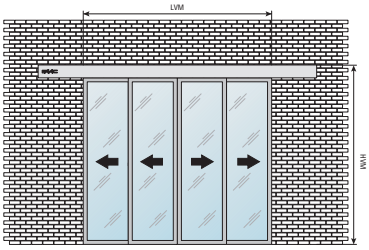
Description	LVM mm	HVM 2500 mm	HVM 3000 mm
Frame for FAAC complete entrance made of TK35 profiles, supplied non-assembled and with seals for the glass (*)	1200		
	1600		
	2000		
	3000		

ENTRANCE WITH 1 TELESCOPIC SLIDING LEAF + 1 FIXED SIDE LEAF (RIGHT OR LEFT OPENING)



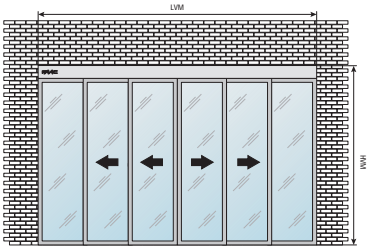
Description	LVM mm	HVM 2500 mm	HVM 3000 mm
Frame for FAAC complete entrance made of TK35 profiles, supplied non-assembled and with seals for the glass (*)	1800		
	2600		
	3200		
	4000		
	4600		

ENTRANCE WITH 2 TELESCOPIC SLIDING LEAVES



Description	LVM mm	HVM 2500 mm	HVM 3000 mm
Frame for FAAC complete entrance made of TK35 profiles, supplied non-assembled and with seals for the glass (*)	2400		
	3200		
	4000		
	4600		

ENTRANCE WITH 2 TELESCOPIC SLIDING LEAVES + 2 FIXED SIDE LEAVES



Description	LVM mm	HVM 2500 mm	HVM 3000 mm
FAAC complete entrance made of TK35 profiles, supplied non-assembled and with seals for the glass (*)	3000		
	4000		
	5000		
	6100		

Key
LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.
(**) In this version the automated system must be installed on the same side of the breakout opening.

TK35

Profiles for complete telescopic non-assembled entrances with transom window

Item Code: 1050041

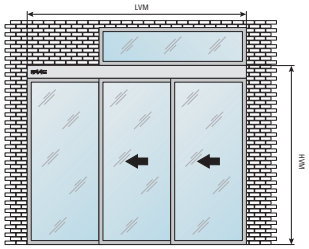


The following tables show the prices of complete telescopic entrances, with transom window, made with FAAC TK35 series aluminum profiles.
The TK35 profiles have a 35 mm transverse section and can support different glass thicknesses (single or double), up to 24mm.
The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes.
The entrances are packed in cardboard to protect them during transport.
On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge.
The prices indicated refer to entrances with non-assembled leaves and cut to size: these have to be mounted onto the glass by the customer.
The following components, which can be ordered separately, are not included in the supply:

- automated system

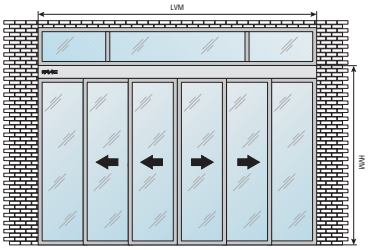
Transport, fitting, activation and final inspection costs are not included in the quotation.
N.B. If the glazing is also required, please refer to the pre-assembled TK35 price list.

ENTRANCE WITH 1 TELESCOPIC SLIDING LEAF + 1 FIXED SIDE LEAF WITH TRANSOM WINDOW (RIGHT OR LEFT OPENING)



Description	LVM mm	HVM 3500 mm	HVM 4000 mm
Frame for FAAC complete entrance made of TK35 profiles, supplied non-assembled and with seals for the glass (*)	1800		
	2600		
	3200		
	4000		
	4600		

ENTRANCE WITH 2 TELESCOPIC SLIDING LEAVES + 2 FIXED SIDE LEAVES WITH TRANSOM WINDOW



Description	LVM mm	HVM 3500 mm	HVM 4000 mm
Frame for FAAC complete entrance made of TK35 profiles, supplied non-assembled and with seals for the glass (*)	3000		
	4000		
	5000		
	6100		

Key
LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.
(**) In this version the automated system must be installed on the same side of the breakout opening.

20 MM AUTOMATIC DOOR PROFILES

TK20

20 MM AUTOMATIC DOOR PROFILES

TK20

TK20

Profiles for complete entrance
Item Code: 1055631

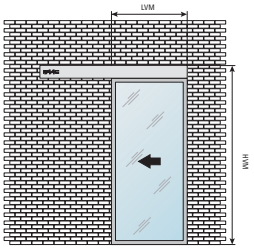


The following tables show the prices of the complete entrances, produced with FAAC TK20 series aluminium profiles.
The TK20 profiles have a 20 mm transverse section and can support different glass thicknesses (8 or 10 mm).
The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes.
The entrances are packed into cardboard assembly boxes: leaves are not pre-assembled due to their nature.
On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge.
The following components, which can be ordered separately, are not included in the supply:

- automated system
- glazing

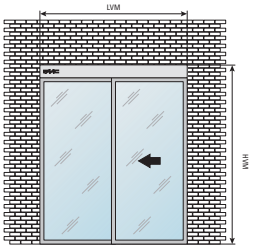
Transport, fitting, activation and final inspection costs are not included in the quotation.

ENTRANCE WITH 1 SLIDING LEAF (RIGHT OR LEFT OPENING)



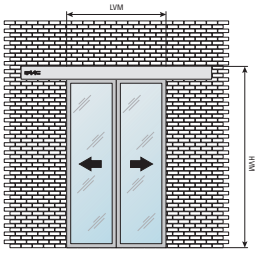
Description	LVM mm	HVM 2500 mm	HVM 3000 mm
Frame for FAAC complete entrance made of TK20 profiles supplied disassembled and with glass seals (*)	1000		
	1200		
	1600		
	2000		

ENTRANCE WITH 1 SLIDING LEAF + 1 FIXED SIDE LEAF (RIGHT OR LEFT OPENING)



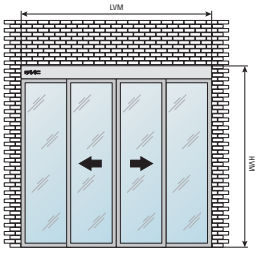
Description	LVM mm	HVM 2500 mm	HVM 3000 mm
Frame for FAAC complete entrance made of TK20 profiles supplied disassembled and with glass seals (*)	1200		
	1600		
	2000		
	2400		

ENTRANCE WITH 2 SLIDING LEAVES



Description	LVM mm	HVM 2500 mm	HVM 3000 mm
Frame for FAAC complete entrance made of TK20 profiles supplied disassembled and with glass seals (*)	1200		
	1500		
	2000		
	2600		
	3000		

ENTRANCE WITH 2 SLIDING LEAVES + 2 FIXED SIDE LEAVES



Description	LVM mm	HVM 2500 mm	HVM 3000 mm
Frame for FAAC complete entrance made of TK20 profiles supplied disassembled and with glass seals (*)	2000		
	3000		
	4000		
	5000		

LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.

TK20

Profiles for complete entrance and transom window

Item Code: 1055631

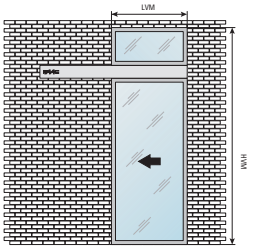


The following tables show the prices of the complete entrances, produced with FAAC TK20 series aluminium profiles.
The TK20 profiles have a 20 mm transverse section and can support different glass thicknesses (8 or 10 mm).
The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes.
The entrances are packed into cardboard assembly boxes: leaves are not pre-assembled due to their nature.
On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge.
The following components, which can be ordered separately, are not included in the supply:

- automated system
- glazing

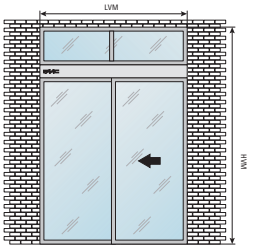
Transport, fitting, activation and final inspection costs are not included in the quotation.

ENTRANCE WITH 1 SLIDING LEAF WITH TRANSOM WINDOW (RIGHT OR LEFT OPENING)



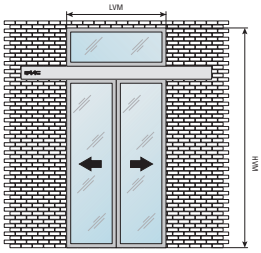
Description	LVM mm	HVM 3450 mm	HVM 4000 mm
Frame for FAAC complete entrance made of TK20 profiles supplied disassembled and with glass seals (*)	1000		
	1200		
	1600		
	2000		

ENTRANCE WITH 1 SLIDING LEAF + 1 FIXED SIDE LEAF WITH TRANSOM WINDOW (RIGHT OR LEFT OPENING)



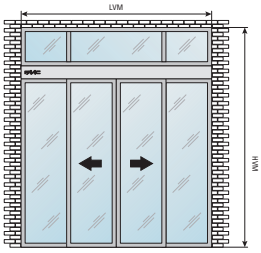
Description	LVM mm	HVM 3450 mm	HVM 4000 mm
Frame for FAAC complete entrance made of TK20 profiles supplied disassembled and with glass seals (*)	1200		
	1600		
	2000		
	2400		

ENTRANCE WITH 2 SLIDING LEAVES WITH TRANSOM WINDOW



Description	LVM mm	HVM 3450 mm	HVM 4000 mm
Frame for FAAC complete entrance made of TK20 profiles supplied disassembled and with glass seals (*)	1200		
	1600		
	2000		
	2600		
	3000		

ENTRANCE WITH 2 SLIDING LEAVES + 2 FIXED SIDE LEAVES WITH TRANSOM WINDOW



Description	LVM mm	HVM 3450 mm	HVM 4000 mm
Frame for FAAC complete entrance made of TK20 profiles supplied pre-assembled and with glass seals (*)	2000		
	3000		
	4000		
	5000		

LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.

TK20

Profiles for telescopic complete entrance

Item Code: 1055641

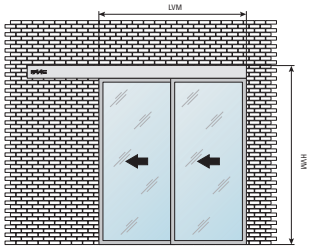


The following tables show the prices of the telescopic complete entrances, produced with FAAC TK20 series aluminium profiles.
The TK20 profiles have a 20 mm transverse section and can support different glass thicknesses (8 or 10 mm).
The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes.
The entrances are packed into cardboard assembly boxes: leaves are not pre-assembled due to their nature.
On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge.
The following components, which can be ordered separately, are not included in the supply:

- automated system
- glazing

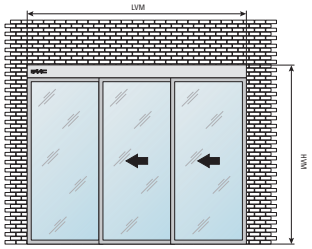
Transport, fitting, activation and final inspection costs are not included in the quotation.

ENTRANCE WITH 1 TELESCOPIC SLIDING LEAF (RIGHT OR LEFT OPENING)



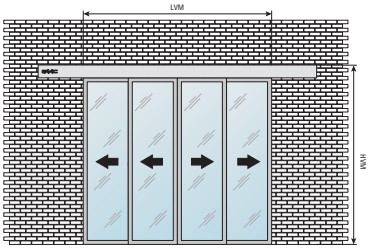
Description	LVM mm	HVM 2500 mm	HVM 3000 mm
Frame for FAAC complete entrance made of TK20 profiles supplied pre-assembled and with glass seals (*)	1200		
	1600		
	2000		
	3000		

ENTRANCE WITH 1 TELESCOPIC SLIDING LEAF + 1 FIXED SIDE LEAF (RIGHT OR LEFT OPENING)



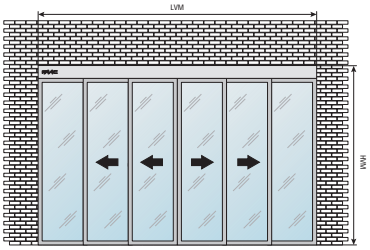
Description	LVM mm	HVM 2500 mm	HVM 3000 mm
Frame for FAAC complete entrance made of TK20 profiles supplied pre-assembled and with glass seals (*)	1800		
	2600		
	3200		
	4000		

ENTRANCE WITH 2 TELESCOPIC SLIDING LEAVES



Description	LVM mm	HVM 2500 mm	HVM 3000 mm
Frame for FAAC complete entrance made of TK20 profiles supplied pre-assembled and with glass seals (*)	2400		
	3200		
	4000		
	4600		

ENTRANCE WITH 2 TELESCOPIC SLIDING LEAVES + 2 FIXED SIDE LEAVES



Description	LVM mm	HVM 2500 mm	HVM 3000 mm
Frame for FAAC complete entrance made of TK20 profiles supplied pre-assembled and with glass seals (*)	3000		
	4000		
	5000		
	6100		

LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.

AUTOMATED SYSTEMS FOR SWING DOORS

AUTOMATED SYSTEMS FOR SWING DOORS

950N2
A951
A952

Model	Leaf length	Max. leaf weight with sliding arm	Max. leaf weight with articulated arm
950N2	from 700 to 1400	from 71 to 286 kg	from 92 to 367 kg
A951	from 700 to 1100	100 Kg	100 Kg
A952	from 700 to 1600	from 80 to 800 kg	from 150 to 700 kg

Typical Installation Examples page. 218

950N2

Automated systems for swing doors

Leaf length

from 700 to 1400

Max. leaf weight

from 286 to 367 Kg



- 950N2 automation, compliant with EN16005, allows to move doors weighing more than 360 Kg silently and in continuous use.
- The housing cover is made of silver anodized aluminum.

safe zone

EN16005

CE

TECHNICAL SPECIFICATIONS

Model	950N2
Power supply voltage	220-240 V~ - 50/60 Hz
Max. power	100 W
standby power	5 W
Use frequency	100%
Electric motor	Motor powered at 24V ⎓
Max. accessories load	1A - 24V ⎓
Electric lock power supply voltage	(N.O./N.C.) 24 V ⎓ / 500 mA max.
Dimensions (LxDxH)	530x160x105 mm
Weight	10 kg
Operation in case of power cut	Manual push/pull opening - Spring closing
Max. leaf opening angle	100° ÷ 125°
Opening leaf time	4 - 10 s (adjustable)
Closing leaf time	4 - 10 s (adjustable)
Partial opening adjustment	10% - 90% of total opening
Pause time	0 - 30 s
Night pause time	0 ÷ 90 s
Encoder	As standard
Protection sensor monitoring (EN16005)	As standard (may be excluded)
Low energy movement (EN16005)	As standard (may be excluded)
Operating ambient temperature	-20°C ÷ +55°C
Protection class	IP 23 (for internal use only)
Compliance with regulations	EN 16005; EN 61000-6-2; EN 61000-6-3; EN 13849-1; EN13849-2

FAMILY MODELS

Model	Description	Passage opening (mm)	Max. leaf weight with articulated arm (kg)	Max. leaf weight with sliding arm (kg)	Item code
950N2	With electronic control unit function selector and anodised aluminium cover	700 ÷ 1400	367 Kg - 700mm 92 Kg - 1400 mm	286 Kg - 700mm 71 Kg - 1400 mm	1054152
	With electronic control unit, function selector and without cover casing				2050042
Arms	Articulated push arm				390039
	Standard sliding block arm				390040
	Short sliding block arm				390041

NOTE: To receive the version with a plastic housing cover, order 950N2 without a cover (cod. 2050042) and add the plastic cover separately (cod. 428328)

THE COMPLETE 950N2 AUTOMATED SYSTEM CONSISTS OF THE FOLLOWING COMPONENTS:

CONTROL UNITS

- Built-in microprocessor control unit with self-diagnosis and continuous monitoring of all door functions
- Anti-crushing protection active both during closing and opening through a high-precision magnetic encoder
- Integrated functions selector with the following operating logics:: AUTOMATIC - MANUAL/NIGHT - OPEN
- Self-learning of 'open' and 'closed ' door positions
- Selection of the type of arm to be used
- 'CLOSING STROKE' function to assure door closing even in the event of strong wind
- "Partial STOP safety" function that defines the opening safety detection space
- "PUSH and GO" function that controls the motorized opening with an initial manual push of the door
- "SCP" function to increase the force in the final part of the closure
- In the "HOLD-CLOSE" function, the automation opposes any attempts to open the door due to gusts of air or manual pushing
  - KP EVO, LK EVO and KS EVO functions keyboard support
  - The use of KP EVO keyboard features the following functions:
  - Entry of access password for user and installer;
  - opening and closing speed adjustments;
  - Adjustment of opening and closing speed
  - Anti-crushing safety device adjustment
  - pause time adjustment;
  - Self-diagnosis;
  - weekly calendar management;
  - lock management;
  - I/O programming;
  - Maintenance cycle warning;
  - Performed cycle number displaying;
- MASTER-SLAVE version for double leaves doors;
- INTERLOCK function;
- INTERCOM function;
- Firmware update and download/upload of some information (configurations, timers, log files) through the USB drive;

DRIVE UNIT COMPLETE WITH:

- FAAC electro-mechanical automated system for swing doors with direct current motor and return spring
- Silver anodized aluminum housing cover
- Activation arms in extruded aluminium (to be ordered separately.)
- Installation either on the architrave or on the door with outwards or inwards opening
- Manual operation in the event of power failure and spring closing

XPB ON

Infrared Sensors

CE





EN16005

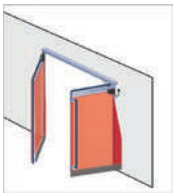
Model	Description	Item code
XPB34-1 ON	L 340 mm (1piece)	105094
XPB70-1 ON	L 700 mm (1piece)	105095
XPB90-2 ON	L 900 mm (1 piece)	105096
XPB34-1 ON	L 340 mm - kit supply (starting from 6 pcs)	105094
XPB70-1 ON	L 700 mm - kit supply (starting from 6 pcs)	105095
XPB90-2 ON	L 900 mm - kit supply (starting from 6 pcs)	105096

TECHNICAL SPECIFICATIONS

Model	XPB-ON
Technology	Active infrared with removal of background analysis
Detection area	400 mm (L) x 70 mm (D)
Number of spots	4
Installation height	from 1.1 m to 3.5 m (according to ground reflectivity)
Detection mode	Presence (and movement)
Contact maintenance time	Infinite
Power supply voltage	12-24V~ (+/- 10%) - relay output; 12-30V ⎓ (-5% / +10%) - transistor output

XPB SCAN

Laser sensor





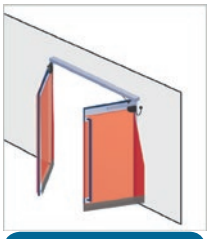
Model	Description	Item code
XPB-SCAN RH	Laser sensor for swing doors right installation	105044
XPB-SCAN LH	Laser sensor for swing doors left installation	105046
XPB-SCAN RH+LF	Couple of laser sensor for swing doors right and left installation	105047

TECHNICAL SPECIFICATIONS

Model	XPB SCAN
Power supply voltage	12 V - 24 ⎓ +/-15%
Max. power	< 2 W
Transom dimension (DxH)	142 mm (L) × 85 mm (A) × 23 mm (P) (mounting frame + 7 mm)
Max detection distance	4m (diagonal) with reflectivity of 2% (i.e. : at W = 1.5m -> max. H = 3.7m)
Detection area	Leaf protection: 90° / Hinge area protection: 16°
Tilt angle	+2° a + 10° (without mounting bracket)
Angular laser resolution	Leaf protection: 1,3° / Hinge area protection: 0,2°
Laser emission features	Wavelength 905 nm; max. pulse output 25 W; Class 1
Dimensions (LxDxH)	142 mm (L) × 85 mm (A) × 23 mm (P) (mounting frame + 7 mm)
Operating ambient temperature	-30°C to +60°C energized; 0-95 % no condensation
Protection class	IP54
Min. detection speed	2°/sec
Type of cover material	PC/ASA - black
Response time	Leaf protection: max 50 ms / Hinge area protection: max 90 ms
Detection mode	Presence
Technology	LASER-scanner, measurement of flight time
Output type	2 ELECTRONIC RELAYS (galvanised insulation - no polarity) Max. output current: 1 mA; Contact voltage: 42V ~/ ⎓
Compliance with regulations	EMC 2014/30/EU; LVD 2014/35/EU; MD 2006/42/EC; RoHS2 2011/65/EU; EN 12978; EN ISO 13849-1 PI "d"/ CAT2; IEC 60825-1; EN 60950-1; EN 61000-6-2; EN 61000-6-3; EN 62061 SIL 2; DIN 18650-1 Chapter 5.7.4 (testbody A); EN 16005 Chapter 4.6.8 (testbody A)

XPB SCAN 3D

Laser sensor



EN16005



- The XPB SCAN 3D is a safety sensor designed for swing doors. Using laser time-of-flight technology, its volumetric detection field covers the complete opening area of the door, guaranteeing more comfort and safety to the users.
- Completely touchless. It prevents any contact with the user by avoiding sudden movements of door leaves.
- The coverage of the hinge area and the leading edge area is increased to avoid any risk of contact.

Model	Description	Item code
XPB-SCAN 3D RH	Laser sensor for swing doors right installation	105932
XPB-SCAN 3D LF	Laser sensor for swing doors left installation	105933
XPB-SCAN 3D RH+LF	Couple of laser sensor for swing doors right and left installation	105934

CE

TECHNICAL SPECIFICATIONS

Model	XPB SCAN 3D
Power supply voltage	12 V - 24 ⎓ +/-15%
Max. power	< 2 W
Dimensions (LxDxH)	142 mm (L) × 85 mm (A) × 23 mm (P) (mounting frame + 7 mm)
Max detection distance	4m (diagonal) with reflectivity of 2% (i.e. : at W = 1.5m -> max. H = 3.7m)
Detection area	Door wing safety : 80° / Hinge area safety : 20°
Tilt angle	0° to +5° (without mounting base)
Angular laser resolution	Curtain 1 : 0.2° / Curtain 2 : 1° / Curtain 3 : 1.7° / Curtain 4 : 2.5°
Laser emission features	Wavelength 905 nm; max. pulse output 25 W; Class 1
Operating ambient temperature	-25°C to +60°C
Protection class	IP44 (EN 60529)
Min. detection speed	-
Type of cover material	PC/ASA - black
Detection mode	Presence
Response time	Typ. <120 ms / Max. 220 ms (curtain 2)
Technology	LASER scanner, time-of-flight measurement (ToF)
Output type	3 electronic relays (galvanic isolation - polarity free) Max. switching current: 100 mA Contacts voltage: 42V ~/ ⎓
Certifications	EN 12978; EN ISO 13849-1 PI "d"/ CAT2; IEC 60825-1; EN 60950-1; EN 61000-6-2; EN 61000-6-3; EN 62061 SIL 2; DIN 18650-1 (testbody CA); EN 16005 (testbody CA)

KP EVO

Function Keypad



- Optional.
- The KP EVO programming keyboard is designed to be used with the progrmming display.

Model	Description	Item code
KP EVO	Function Keypad	790022

CE

TECHNICAL SPECIFICATIONS

Model	KP EVO
Operative functions	Manual (only with key or security code EN16005) Night (only with key or security code EN16005) Automatic Monodirectional Partial monodirectional Partial opening Open
Selectable functions	Setup, Reset, keyboard inhibition
Operating function selection	Through buttons with display indication of the selected function. Possibility to lock the keyboard through bridge or key combination
Main programming functions	User and installer login password Opening and closing speed adjustment Force adjustment in opening and closing Anti-crushing adjustment Pause time adjustment Energy Saving function Self-diagnosis Weekly calendar management Battery kit and motor lock management I/O Programming Maintenance cycles alert Performed cycle number displaying
Programming	Complete with access with PROGRAMMER code and basic with USER code

LK EVO

Function selector



- Supplied as an accessory, it enables access to the main automatic functions and indicates when it is on through LED lights

Model	Description	Item code
LK EVO	Function selector	790024

CE

TECHNICAL SPECIFICATIONS

Model	LK EVO
Operative functions	Manual, Automatic, Night, Open, One-directional, Partial opening
Operating function selection	Through buttons with LED indication of the selected function
Selectable functions	Keypad inhibition, setup, reset (also via jumper)
Diagnostics	Through a combination of flashing LEDs

KS EVO

Key function selector



- Supplied as an accessory, it provides access to the main automatic functions and makes it possible to modify them, with the provided key (2 keys)
- Recessed installation, for wall-mounted uses (see note)

Model	Description	Item code
KS EVO	Key function selector	790942

CE

TECHNICAL SPECIFICATIONS

Model	KS EVO
Operative functions	Manual, Automatic, Night, Open, One-directional, Partial opening
Operating function selection	Using a key with LED indication of the selected function
Diagnostics	Through a combination of flashing LEDs

NOTE

Compatible with 2 wall module surface junction boxes (ex.502BI)

ACTIVATION ARMS



Articulated push arm (max. post depth 250 mm)

390039



Short sliding block arm (length of leaf max. 800 mm)

390041



Standard sliding block arm (leaf length more than 800 mm)

390040



Operator shaft extension H=50 mm

390042



Operator shaft extension H=80 mm

390043

ACCESSORIES



Cover in anodised aluminium (lenght 3 m)

727312



Pair of side panels with aluminium cover

727931



T20 E Recessed installation♦

401012



T20 I Recessed installation ♦

401014



European cylinder lock (T20-T21-XK30) with customised key from 1 to 10

712052-61



Plastic elbow button (dim. 95 x 250 mm)

401003

>>



Aluminium elbow button (dim. 95 x 250 mm)

401004



Painted plastic housing cover

428328



XMS CH touchless sensor

105930



XMS CH IN touchless sensor

105938

>>



XMS CHA touchless sensor

105931



XMS CHA IN touchless sensor

105939



XBFRM1 one-directional microwave radar

105091

NOTE

♦ Note: photocells are auxiliary safety devices. For the correct use in countries where Standard EN 16005 is applied, refer to the Standard itself.
♦ Provided without lock

AUTOMATED SYSTEMS FOR SWING DOORS

A951

A951

Automation for internal doors



Leaf length

from 700 to 1100

Max. leaf weight

100 Kg

- A951 operator opens and closes the internal door silently and smoothly
- The housing cover is in anodized extruded aluminium
- Manufactured in compliance with the new European safety standards EN16005; speed and forced are programmed depending on door dimensions.
- Thanks to the accurate selection of mechanical and electronic components, the A951 automated system can silently drive leaves weighing 100 kg and1100-mm wide on continuous duty ensuring the absolute operating safety at any time

TECHNICAL SPECIFICATIONS

Model	A951
Power supply voltage	220-240 V~ - 50/60 Hz
Max. power	100 W
standby power	5W
Use frequency	100%
Electric lock power supply voltage	25Nm
Electric motor	Motor powered at 24V ⎓
Max. accessories load	1A - 24V ⎓
Electric lock power supply voltage	(N.O./N.C.) 24 V ⎓ / 500 mA max.
Dimensions (LxDxH)	575x60x70 mm
Weight	7 Kg
Operation in case of power cut	Manual push/pull opening
Max. leaf opening angle	100° ÷ 125°
Opening leaf time	4 - 10 s (adjustable)
Closing leaf time	4 - 10 s (adjustable)
Partial opening adjustment	Standard (adjustable)
Pause time	0 - 30 s
Night pause time	0 ÷ 90 s
Encoder	As standard
Protection sensor monitoring (EN16005)	As standard (may be excluded)
Low energy movement (EN16005)	As standard (may be excluded)
Operating ambient temperature	-20°C ÷ +55°C
Protection class	IP 23 (for internal use only)
Compliance with regulations	EN16005; EN61000-6-2; EN61000-6-3 ; EN13849

FAMILY MODELS

Model	Description	Passage opening (mm)	Max. leaf weight with articulated arm (kg)	Max. leaf weight with sliding arm (kg)	Item code
A951	With electronic control unit function selector and anodised aluminium cover	700 ÷ 1100	100	100	105951
Arms	Sliding arm				390167
	Articulated arm				390169

THE COMPLETE A951 AUTOMATED SYSTEM CONSISTS OF THE FOLLOWING COMPONENTS:

A951 CONTROL UNIT

- Built-in microprocessor control unit with self-diagnosis and continuous monitoring of all door functions
- Anti-crushing safety device active both in closing and in opening
- Integrated functions selector with the following operating logics:: AUTOMATIC - MANUAL/NIGHT - OPEN
- "INTRUSION" Function, the door opposes the manual opening attempt
- Selectable 'PUSH and GO' function
- KP EVO, LK EVO and KS EVO functions keyboard support
- Using the KP EVO or LK EVO keypad the following functions are available:
  - opening and closing speed adjustments;
  - Adjustment of opening and closing speed
  - Anti-crushing safety device adjustment
  - pause time adjustment;
  - Self-diagnosis;
  - weekly calendar;
  - Battery kit and lock management;
  - I/O programming;
  - Maintenance cycle warning;
  - Performed cycle number displaying;
  - MASTER-SLAVE version for double doors (with communication board);
  - INTERLOCK function (with communication board);
  - INTERCOM function (with communication board);
- Firmware upgrade and download/upload (configurations, timer and log) through USB key
- Use of FAAC transmitters (with communication board)
- Use of BUS-2EASY accessories (with communication board)

DRIVE UNIT COMPLETE WITH:

- FAAC electromechanical automated system for swing doors working on direct current
- The housing cover is in anodized aluminium
- Articulated and sliding arms with anodized aluminium cover (to be ordered separately)
- Over the transom installation with inwards and outwards opening
- Manual operation in case of an electrical power cut
- Optional battery

XPB ON

Infrared Sensors





EN16005

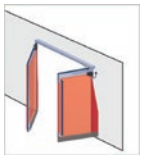
Model	Description	Item code
XPB34-1 ON	L 340 mm (1piece)	105094
XPB70-1 ON	L 700 mm (1piece)	105095
XPB90-2 ON	L 900 mm (1 piece)	105096
XPB34-1 ON	L 340 mm - kit supply (starting from 6 pcs)	105094
XPB70-1 ON	L 700 mm - kit supply (starting from 6 pcs)	105095
XPB90-2 ON	L 900 mm - kit supply (starting from 6 pcs)	105096

TECHNICAL SPECIFICATIONS

Model	XPB-ON
Technology	Active infrared with removal of background analysis
Detection area	400 mm (L) x 70 mm (D)
Number of spots	4
Installation height	from 1.1 m to 3.5 m (according to ground reflectivity)
Detection mode	Presence (and movement)
Contact maintenance time	Infinite
Power supply voltage	12-24V~ (+/- 10%) - relay output; 12-30V ⎓ (-5% / +10%) - transistor output

XPB SCAN

Laser sensor



EN16005



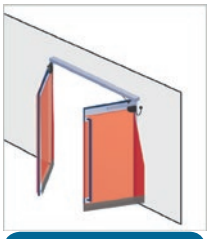
Model	Description	Item code
XPB-SCAN RH	Laser sensor for swing doors right installation	105044
XPB-SCAN LH	Laser sensor for swing doors left installation	105046
XPB-SCAN RH+LF	Couple of laser sensor for swing doors right and left installation	105047

TECHNICAL SPECIFICATIONS

Model	XPB SCAN
Power supply voltage	12 V - 24 ⎓ +/-15%
Max. power	< 2 W
Transom dimension (DxH)	142 mm (L) × 85 mm (A) × 23 mm (P) (mounting frame + 7 mm)
Max detection distance	4m (diagonal) with reflectivity of 2% (i.e. : at W = 1.5m -> max. H = 3.7m)
Detection area	Leaf protection: 90° / Hinge area protection: 16°
Tilt angle	+2° a + 10° (without mounting bracket)
Angular laser resolution	Leaf protection: 1,3° / Hinge area protection: 0,2°
Laser emission features	Wavelength 905 nm; max. pulse output 25 W; Class 1
Dimensions (LxDxH)	142 mm (L) × 85 mm (A) × 23 mm (P) (mounting frame + 7 mm)
Operating ambient temperature	-30°C to +60°C energized; 0-95 % no condensation
Protection class	IP54
Min. detection speed	2°/sec
Type of cover material	PC/ASA - black
Response time	Leaf protection: max 50 ms / Hinge area protection: max 90 ms
Detection mode	Presence
Technology	LASER-scanner, measurement of flight time
Output type	2 ELECTRONIC RELAYS (galvanised insulation - no polarity) Max. output current: 1 mA; Contact voltage: 42V ~/ ⎓
Compliance with regulations	EMC 2014/30/EU; LVD 2014/35/EU; MD 2006/42/EC; RoHS2 2011/65/EU; EN 12978; EN ISO 13849-1 PI "d"/ CAT2; IEC 60825-1; EN 60950-1; EN 61000-6-2; EN 61000-6-3; EN 62061 SIL 2; DIN 18650-1 Chapter 5.7.4 (testbody A); EN 16005 Chapter 4.6.8 (testbody A)

XPB SCAN 3D

Laser sensor



EN16005



- The XPB SCAN 3D is a safety sensor designed for swing doors. Using laser time-of-flight technology, its volumetric detection field covers the complete opening area of the door, guaranteeing more comfort and safety to the users.
- Completely touchless. It prevents any contact with the user by avoiding sudden movements of door leaves.
- The coverage of the hinge area and the leading edge area is increased to avoid any risk of contact.

Model	Description	Item code
XPB-SCAN 3D RH	Laser sensor for swing doors right installation	105932
XPB-SCAN 3D LF	Laser sensor for swing doors left installation	105933
XPB-SCAN 3D RH+LF	Couple of laser sensor for swing doors right and left installation	105934

CE

TECHNICAL SPECIFICATIONS

Model	XPB SCAN 3D
Power supply voltage	12 V - 24 ⎓ +/-15%
Max. power	< 2 W
Dimensions (LxDxH)	142 mm (L) × 85 mm (A) × 23 mm (P) (mounting frame + 7 mm)
Max detection distance	4m (diagonal) with reflectivity of 2% (i.e. : at W = 1.5m -> max. H = 3.7m)
Detection area	Door wing safety : 80° / Hinge area safety : 20°
Tilt angle	0° to +5° (without mounting base)
Angular laser resolution	Curtain 1 : 0.2° / Curtain 2 : 1° / Curtain 3 : 1.7° / Curtain 4 : 2.5°
Laser emission features	Wavelength 905 nm; max. pulse output 25 W; Class 1
Operating ambient temperature	-25°C to +60°C
Protection class	IP44 (EN 60529)
Min. detection speed	-
Type of cover material	PC/ASA - black
Detection mode	Presence
Response time	Typ. <120 ms / Max. 220 ms (curtain 2)
Technology	LASER scanner, time-of-flight measurement (ToF)
Output type	3 electronic relays (galvanic isolation - polarity free) Max. switching current: 100 mA Contacts voltage: 42V ~/ ⎓
Certifications	EN 12978; EN ISO 13849-1 PI "d"/ CAT2; IEC 60825-1; EN 60950-1; EN 61000-6-2; EN 61000-6-3; EN 62061 SIL 2; DIN 18650-1 (testbody CA); EN 16005 (testbody CA)

KP EVO

Function Keypad



- Optional.
- The KP EVO programming keyboard is designed to be used with the progrmming display.

Model	Description	Item code
KP EVO	Function Keypad	790022

CE

TECHNICAL SPECIFICATIONS

Model	KP EVO
Operative functions	Manual (only with key or security code EN16005) Night (only with key or security code EN16005) Automatic Monodirectional Partial monodirectional Partial opening Open
Selectable functions	Setup, Reset, keyboard inhibition
Operating function selection	Through buttons with display indication of the selected function. Possibility to lock the keyboard through bridge or key combination
Main programming functions	User and installer login password Opening and closing speed adjustment Force adjustment in opening and closing Anti-crushing adjustment Pause time adjustment Energy Saving function Self-diagnosis Weekly calendar management Battery kit and motor lock management I/O Programming Maintenance cycles alert Performed cycle number displaying
Programming	Complete with access with PROGRAMMER code and basic with USER code

LK EVO

Function selector



- Supplied as an accessory, it enables access to the main automatic functions and indicates when it is on through LED lights

Model	Description	Item code
LK EVO	Function selector	790024

CE

TECHNICAL SPECIFICATIONS

Model	LK EVO
Operative functions	Manual, Automatic, Night, Open, One-directional, Partial opening
Operating function selection	Through buttons with LED indication of the selected function
Selectable functions	Keypad inhibition, setup, reset (also via jumper)
Diagnostics	Through a combination of flashing LEDs

KS EVO

Key function selector



- Supplied as an accessory, it provides access to the main automatic functions and makes it possible to modify them, with the provided key (2 keys)
- Recessed installation, for wall-mounted uses (see note)

Model	Description	Item code
KS EVO	Key function selector	790942

CE

TECHNICAL SPECIFICATIONS

Model	KS EVO
Operative functions	Manual, Automatic, Night, Open, One-directional, Partial opening
Operating function selection	Using a key with LED indication of the selected function
Diagnostics	Through a combination of flashing LEDs

NOTE

Compatible with 2 wall module surface junction boxes (ex.502BI)

ACTIVATION ARMS



Sliding arm

390167



Articulated arm

390169



Operator shaft extension

390117

ACCESSORIES



XBFRM1 one-directional microwave radar

105091



XMS CH touchless sensor

105930



XMS CH IN touchless sensor

105938



XMS CHA touchless sensor

105931



XMS CHA IN touchless sensor

105939



T20 E
Recessed installation♦

401012

>>



T20 I
Recessed installation ♦

401014



European cylinder lock (T20-T21-XK30) with customised key from 1 to 10

712052-61



Plastic elbow button (dim. 95 x 250 mm)

401003



Aluminium elbow button (dim. 95 x 250 mm)

401004



A951 battery

390116



Cmmunication control board for A951

390166

NOTE

♦ Note: photocells are auxiliary safety devices. For the correct use in countries where Standard EN 16005 is applied, refer to the Standard itself.
♦ Provided without lock

AUTOMATED SYSTEMS FOR SWING DOORS

A952

A952

Automated systems for swing doors



Leaf length

from 700 to 1600

Max. leaf weight

Sliding arm800 Kg - 700 mm
Articulated arm700 Kg - 750 mm

- The A952 automation, compliant with EN16005, is able to move doors up to a weight of 800 Kg, in continuous use and in absolute silence. It can be installed on escape routes in compliance with EN16005 and is able to meet all the safety requirements of EN13489-1 PLD.
- Variable ratio rack and pinion to provide constant spring compression (FAAC PATENT)
- Variable ratio parallel shaft gears for effective and smooth movement (FAAC PATENT)
- Compact dimensions ideal for fire and smoke vent doors
- The housing cover is made of silver anodized aluminum.

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TECHNICAL SPECIFICATIONS

Model	A952
Power supply voltage	110-240 V~ - 50/60 Hz
Max. power	350 W
standby power	5 W
Use frequency	100%
Electric motor	Motor powered at 24V ⎓
Max. accessories load	1A - 24V ⎓
Electric lock power supply voltage	(N.O./N.C.) 24 V ⎓ / 500 mA max.
Dimensions (LxDxH)	715x150x74 mm
Weight	12 Kg
Operation in case of power cut	Manual push/pull opening - Spring closing
Max. leaf opening angle	100° ÷ 125°
Opening leaf time	4 - 10 s (adjustable)
Closing leaf time	4 - 10 s (adjustable)
Partial opening adjustment	10% - 90% of total opening
Pause time	0 - 30 s
Night pause time	0 ÷ 90 s
Encoder	As standard
Protection sensor monitoring (EN16005)	As standard (may be excluded)
Low energy movement (EN16005)	As standard (may be excluded)
Operating ambient temperature	-20°C ÷ +55°C
Protection class	IP 23 (for internal use only)
Compliance with regulations	EN 16005; EN 61000-6-2; EN 61000-6-3; EN 13849-1 Pl. D; EN13849-2

FAMILY MODELS

Model	Description	Passage opening (mm)	Max. leaf weight with articulated arm (kg)	Max. leaf weight with sliding arm (kg)	Item code
A952	With electronic control unit function selector and anodised aluminium cover	700 ÷ 1600	700 Kg - 750mm 150 Kg - 1600 mm	800 Kg - 700mm 150 Kg - 1600 mm	105952
Arms	Articulated push arm				390189
	Standard sliding block arm				390187
	Short sliding block arm				390188

THE COMPLETE A952 AUTOMATED SYSTEM CONSISTS OF THE FOLLOWING COMPONENTS:

CONTROL UNITS

- Built-in microprocessor control unit with self-diagnosis and continuous monitoring of all door functions
- Anti-crushing protection active both during closing and opening through a high-precision magnetic encoder
- Integrated functions selector with the following operating logics:: AUTOMATIC - MANUAL/NIGHT - OPEN
- Self-learning of 'open' and 'closed ' door positions
- Selection of the type of arm to be used
- 'CLOSING STROKE' function to assure door closing even in the event of strong wind
- "Partial STOP safety" function that defines the opening safety detection space
- "PUSH and GO" function that controls the motorized opening with an initial manual push of the door
- "SCP" function to increase the force in the final part of the closure
- In the "HOLD-CLOSE" function, the automation opposes any attempts to open the door due to gusts of air or manual pushing
- MASTER-SLAVE Version for double leaves doors
- INTERLOCK function
- INTERCOM Function
- Firmware update and download/upload of some information (configurations, timers, log files) through the USB drive
- Designed to connect to SIMPLY CONNECT control units
  - KP EVO, LK EVO and KS EVO functions keyboard support
  - The use of KP EVO keyboard features the following functions:
  - Entry of access password for user and installer;
  - opening and closing speed adjustments;
  - Adjustment of opening and closing speed
  - Anti-crushing safety device adjustment
  - pause time adjustment;
  - Self-diagnosis;
  - weekly calendar management;
  - lock management;
  - I/O programming;
  - Maintenance cycle warning;
  - Performed cycle number displaying;

DRIVE UNIT COMPLETE WITH:

- Electromechanical automation for swing doors with DC motor and spring
- Possibilità di installazione su via di fuga, porte tagliafuoco e porte controllo fumo
- In the event of a power failure, the spring can open or close according to the type of installation
- Silver anodized aluminum housing cover
- Articulated or shoe type actuator arms in anodised aluminium (to be ordered separately)
- Arms coated with high corrosion resistance Geomet 321 (RoHS compliant)
- Installation either on the architrave or on the door with outwards or inwards opening

XPB ON

Infrared Sensors





EN16005

Model	Description	Item code
XPB34-1 ON	L 340 mm (1piece)	105094
XPB70-1 ON	L 700 mm (1piece)	105095
XPB90-2 ON	L 900 mm (1 piece)	105096
XPB34-1 ON	L 340 mm - kit supply (starting from 6 pcs)	105094
XPB70-1 ON	L 700 mm - kit supply (starting from 6 pcs)	105095
XPB90-2 ON	L 900 mm - kit supply (starting from 6 pcs)	105096

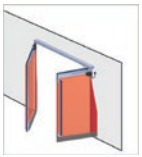
TECHNICAL SPECIFICATIONS

Model	XPB-ON
Technology	Active infrared with removal of background analysis
Detection area	400 mm (L) x 70 mm (D)
Number of spots	4
Installation height	from 1.1 m to 3.5 m (according to ground reflectivity)
Detection mode	Presence (and movement)
Contact maintenance time	Infinite
Power supply voltage	12-24V~ (+/- 10%) - relay output; 12-30V ⎓ (-5% / +10%) - transistor output

XPB SCAN

Laser sensor





EN16005

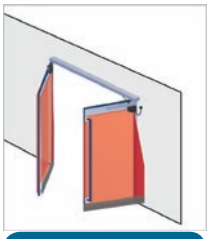
Model	Description	Item code
XPB-SCAN RH	Laser sensor for swing doors right installation	105044
XPB-SCAN LH	Laser sensor for swing doors left installation	105046
XPB-SCAN RH+LF	Couple of laser sensor for swing doors right and left installation	105047

TECHNICAL SPECIFICATIONS

Model	XPB SCAN
Power supply voltage	12 V - 24 ⎓ +/-15%
Max. power	< 2 W
Transom dimension (DxH)	142 mm (L) × 85 mm (A) × 23 mm (P) (mounting frame + 7 mm)
Max detection distance	4m (diagonal) with reflectivity of 2% (i.e. : at W = 1.5m -> max. H = 3.7m)
Detection area	Leaf protection: 90° / Hinge area protection: 16°
Tilt angle	+2° a + 10° (without mounting bracket)
Angular laser resolution	Leaf protection: 1,3° / Hinge area protection: 0,2°
Laser emission features	Wavelength 905 nm; max. pulse output 25 W; Class 1
Dimensions (LxDxH)	142 mm (L) × 85 mm (A) × 23 mm (P) (mounting frame + 7 mm)
Operating ambient temperature	-30°C to +60°C energized; 0-95 % no condensation
Protection class	IP54
Min. detection speed	2°/sec
Type of cover material	PC/ASA - black
Response time	Leaf protection: max 50 ms / Hinge area protection: max 90 ms
Detection mode	Presence
Technology	LASER-scanner, measurement of flight time
Output type	2 ELECTRONIC RELAYS (galvanised insulation - no polarity) Max. output current: 1 mA; Contact voltage: 42V ~/ ⎓
Compliance with regulations	EMC 2014/30/EU; LVD 2014/35/EU; MD 2006/42/EC; RoHS2 2011/65/EU; EN 12978; EN ISO 13849-1 PI "d"/ CAT2; IEC 60825-1; EN 60950-1; EN 61000-6-2; EN 61000-6-3; EN 62061 SIL 2; DIN 18650-1 Chapter 5.7.4 (testbody A); EN 16005 Chapter 4.6.8 (testbody A)

XPB SCAN 3D

Laser sensor



EN16005



- The XPB SCAN 3D is a safety sensor designed for swing doors. Using laser time-of-flight technology, its volumetric detection field covers the complete opening area of the door, guaranteeing more comfort and safety to the users.
- Completely touchless. It prevents any contact with the user by avoiding sudden movements of door leaves.
- The coverage of the hinge area and the leading edge area is increased to avoid any risk of contact.

Model	Description	Item code
XPB-SCAN 3D RH	Laser sensor for swing doors right installation	105932
XPB-SCAN 3D LF	Laser sensor for swing doors left installation	105933
XPB-SCAN 3D RH+LF	Couple of laser sensor for swing doors right and left installation	105934

CE

TECHNICAL SPECIFICATIONS

Model	XPB SCAN 3D
Power supply voltage	12 V - 24 ⎓ +/-15%
Max. power	< 2 W
Dimensions (LxDxH)	142 mm (L) × 85 mm (A) × 23 mm (P) (mounting frame + 7 mm)
Max detection distance	4m (diagonal) with reflectivity of 2% (i.e. : at W = 1.5m -> max. H = 3.7m)
Detection area	Door wing safety : 80° / Hinge area safety : 20°
Tilt angle	0° to +5° (without mounting base)
Angular laser resolution	Curtain 1 : 0.2° / Curtain 2 : 1° / Curtain 3 : 1.7° / Curtain 4 : 2.5°
Laser emission features	Wavelength 905 nm; max. pulse output 25 W; Class 1
Operating ambient temperature	-25°C to +60°C
Protection class	IP44 (EN 60529)
Min. detection speed	-
Type of cover material	PC/ASA - black
Detection mode	Presence
Response time	Typ. <120 ms / Max. 220 ms (curtain 2)
Technology	LASER scanner, time-of-flight measurement (ToF)
Output type	3 electronic relays (galvanic isolation - polarity free) Max. switching current: 100 mA Contacts voltage: 42V ~/ ⎓
Certifications	EN 12978; EN ISO 13849-1 PI "d"/ CAT2; IEC 60825-1; EN 60950-1; EN 61000-6-2; EN 61000-6-3; EN 62061 SIL 2; DIN 18650-1 (testbody CA); EN 16005 (testbody CA)

KP EVO

Function Keypad



- Optional.
- The KP EVO programming keyboard is designed to be used with the progrmming display.

Model	Description	Item code
KP EVO	Function Keypad	790022

CE

TECHNICAL SPECIFICATIONS

Model	KP EVO
Operative functions	Manual (only with key or security code EN16005) Night (only with key or security code EN16005) Automatic Monodirectional Partial monodirectional Partial opening Open
Selectable functions	Setup, Reset, keyboard inhibition
Operating function selection	Through buttons with display indication of the selected function. Possibility to lock the keyboard through bridge or key combination
Main programming functions	User and installer login password Opening and closing speed adjustment Force adjustment in opening and closing Anti-crushing adjustment Pause time adjustment Energy Saving function Self-diagnosis Weekly calendar management Battery kit and motor lock management I/O Programming Maintenance cycles alert Performed cycle number displaying
Programming	Complete with access with PROGRAMMER code and basic with USER code

LK EVO

Function selector



- Supplied as an accessory, it enables access to the main automatic functions and indicates when it is on through LED lights

Model	Description	Item code
LK EVO	Function selector	790024

CE

TECHNICAL SPECIFICATIONS

Model	LK EVO
Operative functions	Manual, Automatic, Night, Open, One-directional, Partial opening
Operating function selection	Through buttons with LED indication of the selected function
Selectable functions	Keypad inhibition, setup, reset (also via jumper)
Diagnostics	Through a combination of flashing LEDs

KS EVO

Key function selector



- Supplied as an accessory, it provides access to the main automatic functions and makes it possible to modify them, with the provided key (2 keys)
- Recessed installation, for wall-mounted uses (see note)

Model	Description	Item code
KS EVO	Key function selector	790942

CE

TECHNICAL SPECIFICATIONS

Model	KS EVO
Operative functions	Manual, Automatic, Night, Open, One-directional, Partial opening
Operating function selection	Using a key with LED indication of the selected function
Diagnostics	Through a combination of flashing LEDs

NOTE

Compatible with 2 wall module surface junction boxes (ex.502BI)

ACTIVATION ARMS



Articulated arm

390189



Standard sliding block arm

390187



Short sliding block arm

390188



Arm spacer

390190



Battery

390191

ACCESSORIES



XMS CH touchless sensor

105930



XMS CH IN touchless sensor

105938



XMS CHA touchless sensor

105931

>>



XMS CHA IN touchless sensor

105939



XBFRM1 one-directional microwave radar

105091

>>



T20 E
Recessed installation♦

401012



T20 I
Recessed installation ♦

401014



European cylinder lock (T20-T21-XK30) with customised key from 1 to 10

712052-61



Plastic elbow button (dim. 95 x 250 mm)

401003



Aluminium elbow button
(dim. 95 x 250 mm)

401004

NOTE

♦ Provided without lock

KIT SOLUTIONS FOR SLIDING DOOR AUTOMATED SYSTEMS

A1000

A1000

List of components necessary for configuring a sliding automated system

1-LEAF A1000 MODEL

Q.ty	Finish	Description	Item code	Notes
1 1	Anodised aluminium	Supporting profile - 4.3 m bar **or** v 6.1 m bar	105426 105427	Depends upon head section width
1		1st leaf basic kit	10505701	
1		Leaf connection profile	105432	
see instructions		Toothed belt	105163	per metre
see instructions		Seal for routing of cables on the supporting profile	105433	per metre

2-LEAVES A1000 MODEL

Q.ty	Finish	Description	Item code	Notes
1 1	Anodised aluminium	Supporting profile - 4.3 m bar **or** v 6.1 m bar	105426 105427	Depends upon head section width
1		1st leaf basic kit	10505701	
1		2nd leaf basic kit	105122	
1		Leaf connection profile	105432	
see instructions		Toothed belt	105163	per metre
see instructions		Seal for routing of cables on the supporting profile	105433	per metre

List of components necessary for configuring the cover

COVER FOR A1000 MODELS

Q.ty	Finish	Description	Item code	Notes
1 1	Natural aluminium	Cover profile - 4.3 m bar **or** v 6.1 m bar	105429 105431	Depends upon head section width
1		Accessories securing the cover	105123	
1		Pair of side panels	105434	
1	Anodised aluminium	Cover profile - 4.3 m bar **or** v 6.1 m bar	105428 105430	Depends upon head section width
1		Accessories securing the cover	105123	
1		Pair of side panels	105434	

COMPONENTS FOR AUTOMATED SYSTEMS



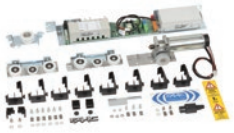
A1000 Supporting Profile
(4.3 m bar)
(4 pcs. pack)

105426



A1000 Supporting Profile
(6.1 m bar)
(4 pcs. pack)

105427



A1000 1st leaf basic kit (IT-EN-NL)♦

10505701



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

105433



Toothed belt 8m - 10mm
(60m pack)

105163

>>



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

105432



A1000 2nd leaf kit
(4 pcs. pack)

105122

COMPONENTS FOR COVERS



Natural aluminium
cover profile
(4.3 m bar)
(4 pcs. pack)

105429



Natural aluminium
cover profile
(6.1 m bar)
(4 pcs. pack)

105431



Anodised aluminium
cover profile (4.3 m bar)
(4 pcs. pack)

105428

>>



Anodised aluminium
cover profile
(6.1 m bar)
(4 pcs. pack)

105430



Cover fixing
accessories
A1400-A1000 H100
(4 pcs. pack)

105123



Pair of side panels
(4 pcs. pack)

105434

ACCESSORIES FOR AUTOMATED SYSTEM



Motor block and leaf position
supervision

105125



Emergency batteries for E1SL

105504

>>



XB LOCK Bi-stable
motor lock A1000 w/
knob
(4 pcs. pack)

105124



Release cable and
sheath
(only for external
installation)

105326



XFA button photocell
(10 pcs. pack)

105127

ACCESSORIES FOR AIR SEALING



Lower guide profile
brush H=25
(1,5 m bar) (8 pcs. pack)

105345



Lower guide profile
brush H=19
(1,5 m bar) (8 pcs. pack)

105346



Natural aluminium
closing profile
(3m bar) (4 pcs. pack)

105319

NOTE

ATTENTION: in this price list, the item code and the relevant price refer to the individual piece.
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♦ This item code includes the instructions in Italian, English and Dutch language
For instructions in French, German and Spanish order code 10505702

A1000

>>



Anodised aluminium closing profile (3m bar) (4 pcs. pack)

105320

ACCESSORIES FOR FRAMED LEAF



Lower guide profile (3m bar) (4 pcs. pack)

105380



Swivel sliding block (the lower guide profile is necessary) (8 pcs. pack)

105078



Pair of lower sliding blocks with bracket (the lower guide profile is necessary) (4 pcs)

105487

>>



Lower guide profile brush H=25 (1,5 m bar) (8 pcs. pack)

105345



Lower guide profile brush H=19 (1,5 m bar) (8 pcs. pack)

105346

ACCESSORIES FOR CRYSTAL LEAVES



Side profile (8 pcs.) Clamping profile (4 pcs. pack) glass 12 mm 3 m bars

105412



Side profile (8 pcs.) Clamping profile (4 pcs. pack) glass 10 mm 3 m bars

105402



Rubber seal (12,5x2 m pack)

105403

>>



Fixing plate (24 pcs. pack)

105404



Terminal side panel (16 pcs. pack)

105405



Pair of lower sliding blocks (length 120 mm each) glass 10 mm (10 pcs. pack)

105406



Pair of lower sliding blocks (lenght 120 mm each) glass 12 mm (10 pcs. pack)

105413

FUNCTION KEYPADS/SELECTORS



SDK EVO function keypad

790019



LK EVO Function Selector

790024



Key function selector KS EVO

790942

COMPONENTS FOR PLIERS FOR 2 CRYSTAL LEAVES WITH LENGTH 1.5 M

Q.ty	Description	Item code
2	Side profile	105402
1	Clamping profile	
6 m	Rubber seal	105403
6	Fixing plate	105404
4	Terminal side panel	105405

NOTE

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KIT SOLUTIONS FOR SLIDING DOOR AUTOMATED SYSTEMS

A1400 AIR

A1400 AIR - A1400 AIR A

List of components necessary for configuring a sliding automated system

MODELLO A1400 AIR 1 LEAF

Q.ty	Finish	Description	Item code	Notes
1 1	Anodised Aluminium	Supporting profile - 4.3 m bar **or** v 6.1 m bar	105512 105510	Depends upon head section length
1		1st leaf basic kit	10503701	
1		Low leaf connection profile (3m bar)	105507	
see instructions		Seal for routing of cables on the supporting profile	105433	per metre
see instructions		Toothed belt 12 mm	105298	per metre

MODELLO A1400 AIR 2 LEAVES

Q.ty	Finish	Description	Item code	Notes
1 1	Anodised Aluminium	Supporting profile - 4.3 m bar **or** v 6.1 m bar	105512 105510	Depends upon head section length
1		1st leaf basic kit	10503701	
1		2nd leaf basic kit	105499	
1		Low leaf connection profile (3m bar)	105507	
see instructions		Toothed belt 12 mm	105298	Per metre
see instructions		Seal for routing of cables on the supporting profile	105433	Per metre

A1400 AIR A T MODEL

Q.ty	Finish	Description	Item code	Notes
1	Anodised Aluminium	Self-supporting profile - 6.1 m bar	105515	
1		Accessories securing the self-supporting profiles	105331	
1		Pair of brackets for A1400 AIR T self-supporting Serie	105029	
1		Brush H=25 - 3 m bar	105345	

Items to be added to obtain the self-supporting version

NB: TO GET THE DM (DOUBLE MOTOR) VERSION ADD ARTICLE No.105036

COMPONENTS FOR AUTOMATED SYSTEMS



A1400 AIR supporting profile
(6.1 m bar)
(4 pcs. pack)

105510



A1400 AIR supporting profile
(4.3 m bar)
(4 pcs. pack)

105512



A1400 AIR 1st leaf basic kit (1 piece pack)♦

10503701	



Second motor kit A1400 AIR DM

105036



A1400 AIR 2nd leaf kit
(4 pcs. pack)

105499

>>



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

105507



Toothed belt 8m - 12mm
(60m pack)

105298



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

105433



Anodised aluminium self-supporting profile
(6.1 m bar) (4 pcs. pack)

105515



A1400 AIR - A Pair of brackets for side fixing
(4 pcs. pack)

105516



Accessories securing the self-supporting profile
(4 pcs. pack)

105331

>>



Lower guide profile brush H=25
(1,5 m bar) (8 pcs. pack)

105345

NOTE

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♦ This item code includes the instructions in Italian, English and Dutch language
For instructions in French, German and Spanish order code 10503702

A1400 AIR - A1400 AIR A

List of components necessary for configuring the cover

A1400 AIR COVER - HEIGHT 100 MM

Q.ty	Finish	Description	Item code	Notes
1 1	Natural aluminium	Cover profile - 6.1 m bar	105431	
1		Accessories securing the cover	105028	
1		Pair of side panels	105505	
1	Anodised aluminium	Cover profile - 6.1 m bar	105430	
1		Accessories securing the cover	105028	
1		Pair of side panels	105505	

A1400 AIR COVER - HEIGHT 140 MM

Q.ty	Finish	Description	Item code	Notes
1 1	Natural aluminium	Cover profile - 4.3 m bar **or** v 6.1 m bar	105513 105514	Depends upon head section width
1		Carriage spacer A1400 AIR	105508	
1		Accessories securing the cover	105501	
1		Pair of side panels	105506	
1	Anodised aluminium	Cover profile - 4.3 m bar **or** v 6.1 m bar	105511 105509	Depends upon head section width
1		Carriage spacer A1400 AIR	105508	
1		Accessories securing the cover	105501	
1		Pair of side panels	105506	

COMPONENTS FOR COVERS - HEIGHT 100 MM



Natural aluminium cover profile (4.3 m bar) (4 pcs. pack)

105429



Natural aluminium cover profile (6.1 m bar) (4 pcs. pack)

105431



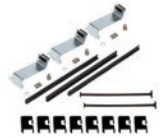
Anodised aluminium cover profile (4.3 m bar) (4 pcs. pack)

105428



Anodised aluminium cover profile (6.1 m bar) (4 pcs. pack)

105430



Cover fixing accessories A1400 H100 (4 pcs. pack)

105028



Pair of side panels (4 pcs. pack)

105505

COMPONENTS FOR COVERS - HEIGHT 140 MM



Natural aluminium cover profile (4.3 m bar) (4 pcs. pack)

105513



Natural aluminium cover profile (6.1 m bar) (4 pcs. pack)

105514



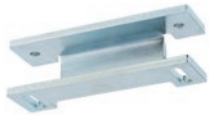
Anodised aluminium cover profile (4.3 m bar) (4 pcs. pack)

105511



Anodised aluminium cover profile (6.1 m bar) (4 pcs. pack)

105509



Carriage spacer (4 pcs. pack)

105508



Cover fixing accessories A1400 H140 (4 pcs. pack)

105501

>>



Pair of side panels (4 pcs. pack)

105506

NOTE

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A1400 AIR T
A1400 AIR A T

List of components necessary for configuring a sliding automated system

MODEL A1400 AIR T2

Q.ty	Finish	Description	Item code	Notes
1	Natural aluminium	A1400 AIR-T 2 supporting profile - 6,1 m bar	105020	
1	Natural aluminium	Telescopic profile - 6.1 m bar	105021	
1		1st leaf basic kit A1400 AIR T	10503901	
1		Leaf connection profile	105507	
see instructions		Toothed belt 12 mm	105298	Per metre
1 1		T -right leaf carriage unit **or** Left leaf carriage unit	105024 105025	
see instructions		Steel cable Ø 3 mm	105027	
see instructions		Seal for routing of cables on the supporting profile	105433	Per metre

MODEL A1400 AIR T4

Q.ty	Finish	Description	Item code	Notes
1	Natural aluminium	A1400 AIR-T 2 supporting profile - 6,1 m bar	105020	
1	Natural aluminium	Telescopic profile - 6.1 m bar	105021	
1		1st leaf basic kit A1400 AIR T	10503901	
1		Leaf connection profile	105507	
see instructions		Toothed belt 12 mm	105298	Per metre
1 1		T -right leaf carriage unit **e** left leaf carriage unit - T	105024 105025	
1		2nd leaf basic kit A1400 AIR T	105023	
see instructions		Steel cable Ø 3 mm	105027	
see instructions		Seal for routing of cables on the supporting profile	105433	Per metre

A1400 AIR A T MODEL

Q.ty	Finish	Description	Item code	Notes
1	Anodised Aluminium	Self-supporting profile - 6.1 m bar	105515	
1		Accessories securing the self-supporting profiles	105331	
1		Pair of brackets for A1400 AIR T self-supporting Serie	105029	
1		Brush H=25 - 3 m bar	105345	

Items to be added to obtain the self-supporting version

COMPONENTS FOR AUTOMATED SYSTEMS



A1400 AIR-T supporting profile (6.1 m bar) (4 pcs. pack)

105020



Natural aluminium telescopic profile (6.1 m bar) (4 pcs. pack)

105021



1st leaf basic kit A1400 AIR T♦

10503901	



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

105507



A1400 AIR-T left leaf carriage unit (4 pcs. pack)

105025

>>



A1400 AIR-T right leaf carriage unit (4 pcs. pack)

105024



Steel cable Ø 3 mm A1400 AIR-T (30 m pack)

105027	

>>



Toothed belt 8m - 12mm (60m pack)

105298



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

105433



2nd leaf kit A1400 AIR-T (4 pcs. pack)

105023

COMPONENTS FOR SELF-SUPPORTING PROFILES



Anodised aluminium self-supporting profile (6.1 m bar) (4 pcs. pack)

105515



Pair of self-supporting brackets for lateral fixing A1400 T (4 pcs. pack)

105029



Accessories securing the self-supporting profile (4 pcs. pack)

105331



Lower guide profile brush H=25 (1,5 m bar) (8 pcs. pack)

105345

NOTE

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♦ This item code includes the instructions in Italian, English and Dutch language
For instructions in French, German and Spanish order code 10503902

A1400 AIR T

List of components necessary for configuring the cover

	Q.ty	Finish	Description	Item code	Notes
A1400 AIR COVER - HEIGHT 100 MM	1 1	Natural aluminium	Cover profile - 6.1 m bar	105431	
	1		Accessories securing the cover	105028	
	1		Pair of side panels	105030	
	1	Anodised aluminium	Cover profile - 6.1 m bar	105430	
	1		Accessories securing the cover	105028	
	1		Pair of side panels	105030	

COMPONENTS FOR COVERS - HEIGHT 100 MM



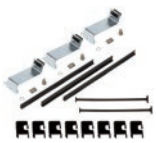
Natural aluminium cover profile (6.1 m bar) (4 pcs. pack)

105431



Anodised aluminium cover profile (6.1 m bar) (4 pcs. pack)

105430



Cover fixing accessories A1400 H100 (4 pcs. pack)

105028



Pair of side panels A1400 AIR-T (4 pcs. pack)

105030

KIT SOLUTIONS FOR REDUNDANT SLIDING DOORS ON ESCAPE ROUTES

A1400 AIR RD/RDF

A1400 AIR RD/RDF

List of components required for configuring a redundant sliding automation

1-LEAF A1400 AIR RD MODEL

Q.ty	Finish	Description	Item code	Notes
1 1	Anodised Aluminium	Supporting profile - 4.3 m bar **or** v 6.1 m bar	105512 105510	Depends upon head section length
1		1st leaf basic kit A1400 AIR RD	10514001	
1		Basic kit 1st leaf A1400 AIR RDF	10505901	A s an alternative to code 10514001
1		Low leaf connection profile	105507	
see instructions		Seal for routing of cables on the supporting profile	105433	per metre
see instructions		Toothed belt	105298	per metre

2-LEAF A1400 AIR RD MODEL

Q.ty	Finish	Description	Item code	Notes
1 1	Anodised Aluminium	Supporting profile - 4.3 m bar **or** v 6.1 m bar	105512 105510	Depends upon head section length
1		1st leaf basic kit	10514001	
1		2nd leaf basic kit	105499	
1		Low leaf connection profile	105507	
see instructions		Toothed belt	105298	Per metre
see instructions		Seal for routing of cables on the supporting profile	105433	Per metre

A1400 AIR RD A MODEL

Q.ty	Finish	Description	Item code	Notes
1	Anodised Aluminium	Self-supporting profile - 6.1 m bar	105515	
1		Accessories securing the self-supporting profiles	105331	
1		Pair of brackets for side fixing	105516	
1		Brush H=25 - 3 m bar	105345	

Items to be added to obtain the self-supporting version

COMPONENTS FOR AUTOMATED SYSTEMS



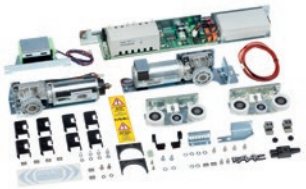
A1400 AIR supporting profile
(6.1 m bar)
(4 pcs. pack)

105510



A1400 AIR supporting profile
(4.3 m bar)
(4 pcs. pack)

105512



A1400 AIR RD 1st leaf basic kit♦

10514001



1st leaf basic kit A1400 AIR RDF♦

10505901

>>



A1400 AIR 2nd leaf kit
(4 pcs. pack)

105499



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

105507



Toothed belt 8m - 12mm
(60m pack)

105298



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

105433



Anodised aluminium self-supporting profile
(6.1 m bar) (4 pcs. pack)

105515



Accessories securing the self-supporting profile
(4 pcs. pack)

105331

>>



A1400 AIR - A Pair of brackets for side fixing
(4 pcs. pack)

105516



Lower guide profile brush H=25
(1,5 m bar) (8 pcs. pack)

105345

NOTE

ATTENTION: in this price list, the item code and the relevant price refer to the individual piece.
It is understood that the orders must comply with the quantities indicated in the packs and orders of individual pieces will not be accepted.
♦ This item code includes the instructions in Italian, English and Dutch language
For instructions in French, German and Spanish order code 10514002
♦ This item code includes the instructions in Italian, English and Dutch language
For instructions in French, German and Spanish order code 10505902

A1400 AIR RD/RDF

List of components necessary for configuring the cover

COVER FOR A1400 AIR RD MODELS - HEIGHT 100 MM

Q.ty	Finish	Description	Item code	Notes
1 1	Natural aluminium	Cover profile - 4.3 m bar **or** v 6.1 m bar	105429 105431	Depends upon head section width
1		Accessories securing the cover	105028	
1		Pair of side panels	105505	
1	Anodised aluminium	Cover profile - 4.3 m bar **or** v 6.1 m bar	105428 105430	Depends upon head section width
1		Accessories securing the cover	105028	
1		Pair of side panels	105505	

COVER FOR A1400 AIR RD MODELS - HEIGHT 140 MM

Q.ty	Finish	Description	Item code	Notes
1 1	Natural aluminium	Cover profile - 4.3 m bar **or** v 6.1 m bar	105513 105514	Depends upon head section width
1		Carriage spacer	105508	
1		Accessories securing the cover	105501	
1		Pair of side panels	105506	
1	Anodised aluminium	Cover profile - 4.3 m bar **or** v 6.1 m bar	105511 105509	Depends upon head section width
1		Carriage spacer	105508	
1		Accessories securing the cover	105501	
1		Pair of side panels	105506	

COMPONENTS FOR COVERS - HEIGHT 100 MM



Natural aluminium cover profile (4.3 m bar) (4 pcs. pack)

105429



Natural aluminium cover profile (6.1 m bar) (4 pcs. pack)

105431



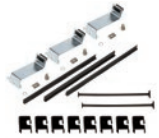
Anodised aluminium cover profile (4.3 m bar) (4 pcs. pack)

105428



Anodised aluminium cover profile (6.1 m bar) (4 pcs. pack)

105430



Cover fixing accessories A1400 H100 (4 pcs. pack)

105028



Pair of side panels (4 pcs. pack)

105505

COMPONENTS FOR COVERS - HEIGHT 140 MM



Natural aluminium cover profile (4.3 m bar) (4 pcs. pack)

105513



Natural aluminium cover profile (6.1 m bar) (4 pcs. pack)

105514



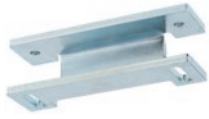
Anodised aluminium cover profile (4.3 m bar) (4 pcs. pack)

105511



Anodised aluminium cover profile (6.1 m bar) (4 pcs. pack)

105509



Carriage spacer (4 pcs. pack)

105508



Cover fixing accessories A1400 H140 (4 pcs. pack)

105501

>>



Pair of side panels (4 pcs. pack)

105506

ATTENTION: in this price list, the item code and the relevant price refer to the individual piece.
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List of components required for configuring a redundant sliding automation

A1400 AIR RD T2 MODEL

Q.ty	Finish	Description	Item code	Notes
1	Natural aluminium	A1400 AIR-T 2 supporting profile - 6,1 m bar	105020	
1	Natural aluminium	Telescopic profile - 6.1 m bar	105021	
1		A1400 AIR RD T 1st leaf basic kit	10503801	
1		1st leaf basic kit A1400 AIR RDF T	10506001	As an alternative to code 10503801
1		Leaf connection profile	105507	
see instructions		Toothed belt 12 mm	105298	Per metre
1 1		A1400 AIR-T right leaf carriage unit **or** Left leaf carriage unit A1400 AIR - T	105024 105025	
see instructions		Steel cable Ø 3 mm	105027	
see instructions		Seal for routing of cables on the supporting profile	105433	Per metre

A1400 AIR RD T4 MODEL

Q.ty	Finish	Description	Item code	Notes
1	Natural aluminium	A1400 AIR-T 2 supporting profile - 6,1 m bar	105020	
1	Natural aluminium	Telescopic profile - 6.1 m bar	105021	
1		A1400 AIR RD T 1st leaf basic kit	10503801	
1		Leaf connection profile	105507	
see instructions		Toothed belt 12 mm	105298	Per metre
1 1		T -right leaf carriage unit **e** left leaf carriage unit - T	105024 105025	
1		2nd leaf basic kit A1400 AIR T	105023	
see instructions		Steel cable Ø 3 mm	105027	
see instructions		Seal for routing of cables on the supporting profile	105433	Per metre

A1400 AIR RD A T MODEL

Q.ty	Finish	Description	Item code	Notes
1	Anodised Aluminium	Self-supporting profile - 6.1 m bar	105515	
1		Accessories securing the self-supporting profiles	105331	
1		Pair of brackets for A1400 AIR T self-supporting Serie	105029	
1		Brush H=25 - 3 m bar	105345	

Items to be added to obtain the self-supporting version

COMPONENTS FOR AUTOMATED SYSTEMS



A1400 AIR-T supporting profile
(6.1 m bar)
(4 pcs. pack)

105020



Natural aluminium telescopic profile
(6.1 m bar)
(4 pcs. pack)

105021



A1400 AIR RD-T 1st leaf basic kit (1pc price)♦

10503801



1st leaf basic kit A1400 AIR RDF-T♦

10506001

>>



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

105507



Toothed belt 8m - 12mm
(60m pack)

105298



A1400 AIR-T right leaf carriage unit
(4 pcs. pack)

105024



A1400 AIR-T left leaf carriage unit
(4 pcs. pack)

105025



2nd leaf kit A1400 AIR-T
(4 pcs. pack)

105023



Steel cable Ø 3 mm A140 AIR-T
(30 m pack)

105027

>>



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

105433

COMPONENTS FOR SELF-SUPPORTING PROFILES



Anodised aluminium self-supporting profile
(6.1 m bar) (4 pcs. pack)

105515



Accessories securing the self-supporting profile
(4 pcs. pack)

105331



Lower guide profile brush H=25
(1,5 m bar) (8 pcs. pack)

105345



Pair of self-supporting brackets for lateral fixing A1400 T
(4 pcs. pack)

105029

NOTE

♦ This item code includes the instructions in Italian, English and Dutch language
For instructions in French, German and Spanish order code 10503802
♦ This item code includes the instructions in Italian, English and Dutch language
For instructions in French, German and Spanish order code 10506002

List of components necessary for configuring the cover

COVER FOR A1400 AIR RD T MODELS - HEIGHT 100 MM	Q.ty	Finish	Description	Item code	Notes
	1	Natural aluminium	Cover profile - 6.1 m bar	105431	
	1		Accessories securing the cover	105028	
	1		Pair of side panels AIR - T	105030	
	1	Anodised aluminium	Cover profile - 6.1 m bar	105430	
	1		Accessories securing the cover	105028	
	1		Pair of side panels AIR - T	105030	

COMPONENTS FOR COVERS, HEIGHT 100 MM



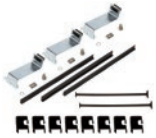
Natural aluminium cover profile (6.1 m bar) (4 pcs. pack)

105431



Anodised aluminium cover profile (6.1 m bar) (4 pcs. pack)

105430



Cover fixing accessories A1400 H100 (4 pcs. pack)

105028



Pair of side panels A1400 AIR-T (4 pcs. pack)

105030

NOTE

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Common accessories

ACCESSORIES FOR AUTOMATED SYSTEM



XB LOCK Bi-stable motor lock A100 w/ knob (4 pcs.pack) Not for RDF version

105502



KIT XM LOCK Monostable motor lock A1400 (4 pcs. pack) Not for RDF version

105056



Release cable and sheath (only for external installation)

105326

>>



Motor block and leaf position supervision

105125



Emergency batteries for E1SL

105504



XFA button photocell

105127

ACCESSORIES FOR AIR SEALING



Natural aluminium closing profile (3m bar) (4 pcs. pack)

105319



Anodised aluminium closing profile (3m bar) (4 pcs. pack)

105320



Lower guide profile brush H=19 (1,5 m bar) (8 pcs. pack)

105346

>>



Swivel sliding block (the lower guide profile is necessary) (8 pcs. pack)

105078



Pair of lower sliding blocks with bracket (the lower guide profile is necessary) (4 pcs)

105487

ACCESSORIES FOR FRAMED LEAF



Lower guide profile (3m bar) (4 pcs. pack)

105380



Lower guide profile brush H=19 (1,5 m bar) (8 pcs. pack)

105346



Lower guide profile brush H=25 (1,5 m bar) (8 pcs. pack)

105345

FUNCTION KEYPADS/SELECTORS



SDK EVO function keypad

790019



LK EVO Function Selector

790024



Key function selector KS EVO

790942

ACCESSORIES FOR CRYSTAL LEAVES



Side profile (8 pcs.)
Clamping profile (4 pcs. pack) glass 12 mm
3 m bars

105412



Side profile (8 pcs.)
Clamping profile (4 pcs. pack) glass 10 mm
3 m bars

105402



Rubber seal
(12,5x2 m pack)

105403



Fixing plate
(24 pcs. pack)

105404



Terminal side panel
(16 pcs. pack)

105405



Pair of lower sliding blocks
(length 120 mm each)
glass 10 mm
(10 pcs. pack)

105406

>>



Pair of lower sliding blocks
(lenght 120 mm each)
glass 12 mm
(10 pcs. pack)

105413

COMPONENTS FOR PLIERS FOR 2 CRYSTAL LEAVES WITH LENGTH 1.5 M

Q.ty	Description	Item code
2	Side profile	105402
1	Clamping profile	
6 m	Rubber seal	105403
6	Fixing plate	105404
4	Terminal side panel	105405

NOTE

ATTENTION: in this price list, the item code and the relevant price refer to the individual piece.
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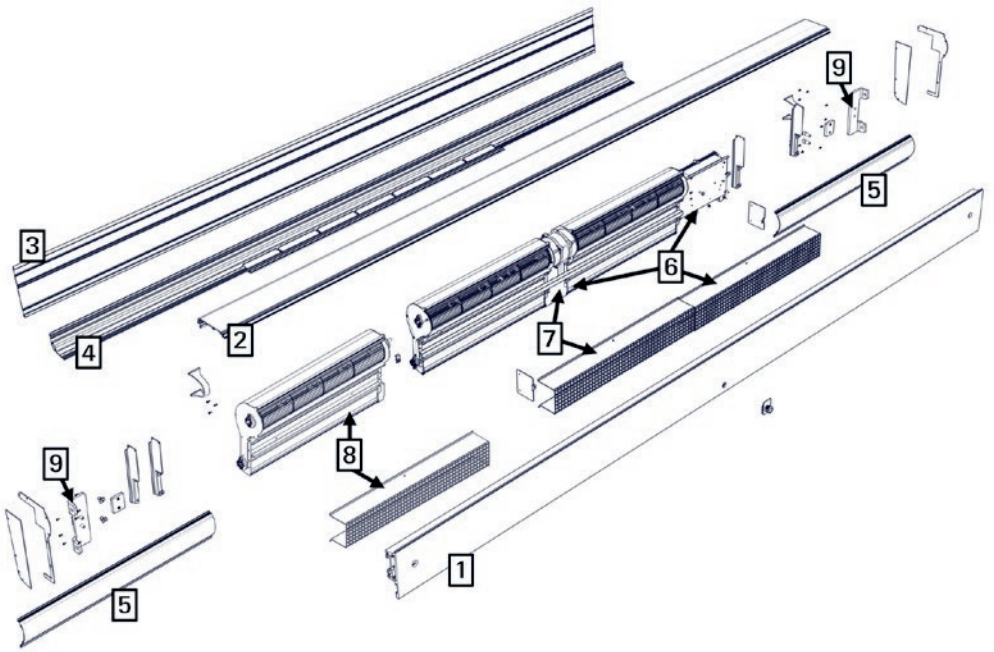
SENSORS, RADARS AND ACCESSORIES IN KIT SUPPLY FOR SLIDING DOORS

AIRSLIDE

Sliding door with integrated air curtain



List of components necessary for one AIRSLIDE KIT

AIRSLIDE MODEL IN KIT	Ref. Drawing	Description	Item code	Packing Unit
	1	Supporting profile - 6,1 m bar	105062	4pcs
	2	Upper profile - 6,1 m bar	105063	4pcs
	3	Straight profile - 6,1 m bar	105064	4pcs
	4	Bow profile - 6,1 m bar	105065	4pcs
	5	Internal closure profile - 6,1 m bar	105066	4pcs
	6	Master ventilation group - L. 1,1 m	105067	1 pc
	7	Slave ventilation group - L. 1,1 m	105068	1 pc
	8	Additional fan group - L. 0,5 m	105069	1 pc
	8	Additional fan group - L. 0,36 m	105070	1 pc
	6	Master ventilation group - L. 0,8 m	105071	1 pc
	7	Slave ventilation group - L. 0,8 m	105072	1 pc
	9	Wall fixing plate	105527	4pcs

NOTE

ATTENTION: in this price list, the item code and the relevant price refer to the individual piece.
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MOTOR FAN GROUP AND SINGLE FAN COMPOSITION

Below are reported different combinations that can be obtained using different motor fan units and single fans, depending on passage width dimension:

Description	Item code	Composition
Master motor-fan group L=1100	105067	AIRSLIDE motor, two 500mm fans, air intake E1AS board
Slave motor-fan group L=1100	105068	AIRSLIDE motor, two 500mm fans, air intake
Additional fan L=500	105069	single 500mm fan, air intake
Master motor-fan group L=800	105071	AIRSLIDE motor, two 360mm fans, air intake, E1AS board
Slave motor-fan group L=800	105072	AIRSLIDE motor, two 360mm fans, air intake
Additional fan L=360	105070	Single 360mm fan, air intake

Passage width (mm)			
FROM	TO		
800	1100	105071	
1101	1300	105067	
1301	1450	105071	105069
1451	1600	105067	105070
1601	1900	105067	105069
1901	2200	105067	105072
2201	2400	105067	105068

SENSORS, RADARS AND ACCESSORIES IN KIT SUPPLY FOR SLIDING DOORS

ACCESSORIES



MINISWITCH GLS photocell♦

105209



Pair of recessed front panels for MINISWITCH GLS in black plastic

105211



XFA button photocell

105127



Active threshold safety infrared, microwave, double technology sensor XV1

105108



XV1-CA false ceiling recessed support (only for XV1 sensors)

105136



XDT3 one-directional radar + escape route infrared safety

105104



Active threshold safety infrared, microwave, double technology sensor XDT1

105114



XDT-CA false ceiling recessed support (only for XDT1, XDT3)

105107



XDT-BA mounting bracket - (only for XDT1, XDT3, XV1 sensors)

105106



XDT-RA rain protection (only for XDT1, XDT3, XV1 and XBFA ON/ST)

105137



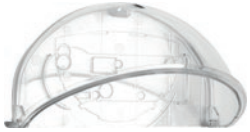
XBFRM1 one-directional microwave radar

105091



XBA1 mounting bracket (only for XBFRM1)

105092



XRA1 rain protection (only for XBFRM1)

105093



XM100 ONE compact one-directional microwave radar

105129



XMRA rain protection (only for XM100 ONE)

105086

NOTE

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

Accessories for sliding doors provided in kit



XBFA ST Active infrared sensor

105132



Active movement or presence infrared sensor XBFA ON

105090



X1S-SMA Mounting bracket for X1S (only for X1S)

105119



X1S 1-spot infrared sensor

105118



XMS CH touchless sensor

105930



XMS CH IN touchless sensor

105938



XMS CHA touchless sensor

105931



XMS CHA IN touchless sensor

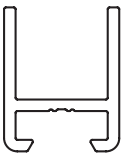
105939

KIT SUPPLY FOR 20 MM AUTOMATIC DOORS PROFILES

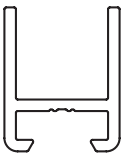
TK20

Kit supply for 20 mm automatic doors profiles

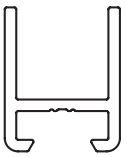
PROFILES AND ACCESSORIES



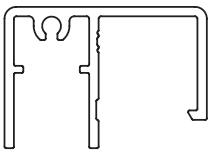
Vertical profile for mobile leaf, slotted and perfored at the two ends L=5100 mm (8 pcs. pack)
105801



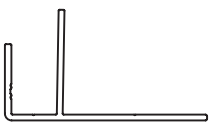
Vertical profile for fixed leaf, slotted and perfored at the two ends L=5100 mm (8 pcs. pack)
105802



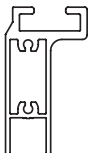
Leaf profile (without processing) L=5200 mm (8 pcs. pack)
105800



Vertical seal profile for fixed leaf and photocells L=5200 mm (4 pcs. pack)
105803



Vertical seal profile for fixed leaf and photocells L=5200 mm (4 pcs. pack)
105804



Upper head section L=5200 mm (4 pcs. pack)
105805

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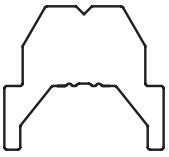
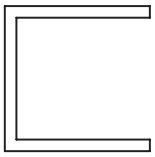
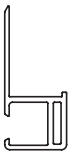
Lower head section L=5200 mm (4 pcs. pack)
105806



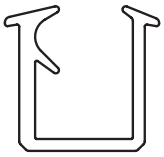
Lower head section attachment profile L=5200 mm (4 pcs. pack)
105807



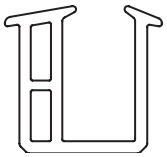
Fixed leaf wall fixing frame L=6100 mm (4 pcs. pack)
105808



Vertical profile single leaf stop L=5200 mm (4 pcs. pack)
105809



10 mm glass seals (5+5) 50 m coil
105810

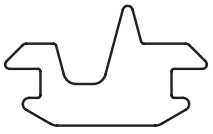


8 mm glass seals (4+4) 50 m coil
105811

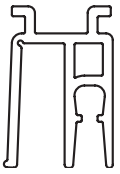
>>



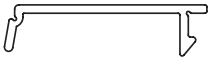
Side seals 80 m coil
105812



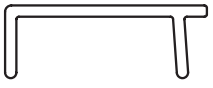
Central seals 100 m coil
105813



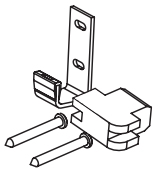
Lower guide plastic profile for mobile leaf L=5100 mm (10 pcs. pack)
105814



Closing plastic profile for fixed leaf profile (cod. 105803) L=5100 mm (20 pcs. pack)
105815



Closing plastic profile for wall photocell holder profile (cod. 105804) L=5100 mm (20 pcs. pack)
105816



Accessory kit for mobile leaf comprising 1 floor guide, 4 blocks, 8 fixing screws (4 pcs. pack)
105817

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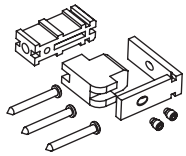

Fixed leaf accessory kit comprising 2 miter squares, 2 blocks, 5 dowels, 3 screws (4 pcs. pack)
105818



Lower guide profile brush H=19 (1,5 m bar) (8 pcs. pack)
105346

NOTE

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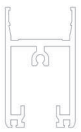
The TK20 Profiles are supplied in silver anodized aluminum bars.

KIT SUPPLY FOR 35 MM AUTOMATIC DOORS PROFILES

TK35

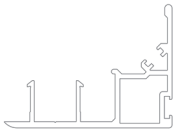
Kit supply for 35 mm automatic doors profiles

PROFILES AND ACCESSORIES



TK35 big leaf profile L=5500 NATURAL (6 pcs. package)

105887



TK35 big closure profile L=5500 NATURAL (4 pcs. pack)

105888



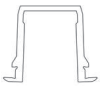
Small leaf profile TK35 L=5500 NATURAL (4 pcs. pack)

105891



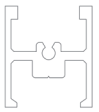
Small labyrinth profile TK35 L=5500 NATURAL (6 pcs. package)

105893



TK35 Sliding block profile L=5500 NATURAL (8 pcs. pack)

105889



TK35 joint profile L=5500 NATURAL (4 pcs. pack)

105892

>>



Brush 2,5 x 2,5 x 15 (1,5 m bar) (8 pcs. pack)

105058



Soft Brush 2,9 x 2,9 x 11 (50 m. Pack.) Price per meter

1059211



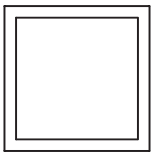
Leaf connection brush 6,9 x 11 mm (50 m. Pack.) Price per meter

1059021



"U" Profile GRZ 40x20x2 mm L=6500 mm (6 pcs. package)

105437



Tubular profile GRZ 15x15x1,5 L=6500 mm (8 pcs. pack)

105438



TK35 double galzing gasket (50 m. Pack.) Price per meter

105896

>>



TK35 single glass gasket (40 m. pack) price per meter

105897



TK35 lateral closure gasket (70 m. pack) price per meter

105908



TK35 mobile leaf accessories kit (1 pc. package)

105518



TK35 fixed leafa ccessories kit (1 pc. package)

105519



TK35 hook lock kit

105587



TK35 pin lock kit

105588

>>



TK35 blind cylinder kit

105589



TK35 cylinder with lock bolt

105590

NOTE

ATTENTION: in this price list, the item code and the relevant price refer to the individual piece.
It is understood that the orders must comply with the quantities indicated in the packs and orders of individual pieces will not be accepted.

The TK35 profiles are supplied in natural aluminum bars.

AUTOMATED SYSTEMS FOR SPECIAL ENTRANCES

AIRSLIDE
SF1400
SKR35
FHE Series

AIRSLIDE

Sliding door with integrated air curtain

PATENTED

Passage opening

2,500 - 4,800 mm



- Sliding door with integrated air curtain
- Suitable for areas open to the public such as shops, supermarkets, offices, banks, hospitals, airports and railway stations.
- Possibility of adding an integrated automatically resetting anti-panic breakout system in compliance with European Standard EN 16005.
- By combining the door with FAAC SERIES A1400 AIR automated system, thanks to its innovative 'Energy Saving' device, it identifies the walking path and perfectly optimises opening/closing times thus avoiding unnecessary air dispersal, even in the event of cross traffic.
- PRODUCT FEATURES: energy efficiency up to 62%, air quality up to 62%, improved environmental comfort up to 48%

safe zone · green tech · SIMPLY CONNECT · energy saving · EN16005 · CE

TECHNICAL SPECIFICATIONS

Model	AIRSLIDE
Power supply voltage	220-240 V~ - 50/60 Hz
Max absorbed power	160 W (single motor) - 330 W (double motor)
Use frequency	100%
Electric motor	Single-phase asynchronous motor
Motor rotation speed	2850 rpm
Fan diameter	80 mm
Fans' length	360 mm - 500 mm
Transom dimension (DxH)	182,1x 252,5 mm (GRILL INCLUDED)
Speed of air exiting the grids (0÷2,8 m)	15,3 - 3,7 (m/s)
Airflow capacity (m3/h)	1250
Sound level (dB) at 5 m	49,5 - 57,5
Operating ambient temperature	- 20° C / + 55° C
Protection class	IP23 (AIRSLIDE) – IP54 (E1AS control board)

AIRSLIDE must always be used with a FAAC automated system

FAMILY MODELS

Item code	Model	Leaves	Wall recess width (mm)	Free passage width (mm)	Wall recess height (mm)	Passage height (mm)	APN + reset
1055661	AIRSLIDE 2+2	2 mobile and 2 semi-fixed	1700 ÷ 4800	800 ÷ 2400	2154 ÷ 2754	2000 ÷ 2800	yes (optional)
	AIRSLIDE 1+1	1 mobile and 1 semi-fixed	1700 ÷ 4800	800 ÷ 2400	1900 ÷ 2754	2000 ÷ 2800	yes (optional)

Contact the FAAC area sales person to get the price offer.

THE COMPLETE AIRSLIDE SPECIAL ENTRANCE INCLUDES THE FOLLOWING COMPONENTS:

AIR SLIDE

- New design to facilitate installation of sensors on the external side.
- Compact dimensions at 182 X 252 mm.
- External casing that can be opened for inspection and maintenance, which is self-sustained with special accessories to prevent it from falling to the ground.
- Motorized fan unit specifically designed to facilitate disassembly for maintenance.
- Air curtain barrier inside the casing, which consists of a single-phase motor with sufficient power of 230V~/50Hz, including a fan unit with tangential fans in various combinations.
- Absorption of the air inside the building and forced expulsion to the outside.
- Automatic operation upon detection of the door opening pulse, and rest function (off).

SUPPORTING STRUCTURES

- Complete automatic door consisting of a sturdy self-supporting extruded aluminium structure.
- Crossbar with built-in air curtain made of extruded aluminum profiles.
- Pre-assembled system with perimeter frame complete with supporting head section, side pillars and accessories.
- Stainless steel suction unit.

LEAVES

Automatic sliding door made of extruded aluminum profiles in 6060 UNI 9006 alloy with rounded edges, equipped with radial vertical glazing beads, gaskets, brushes, movement and assembly accessories.

- Lower sliding guides to attach the doors to the floor.
- Structure and leaf finish with oxidation or painting with RAL colours.
- Option to mount transparent laminated glazing or transparent laminated double glazing.
- Option to mount a mechanical lock on the movable doors.

AIRSLIDE ACCESSORIES

- Option of break-through sliding doors with and without automatic reset and lateral semi-fixation with internal hinges that are invisible on the profile, equipped with magnetic devices that guarantee an adjustable release force that does not exceed 220 N, as required by the European Standard EN 16005
- Option to mount a mechanical lock with three locking points, with a push cylinder and keys

E1AS CONTROL BOARD

- 4 programmable speed levels with dipswitch (overridden by the CANBUS if present),
- CANBUS connection for fan speed management through SDK EVO (790019) and direct management of AIRSLIDE from FAAC E1SL control board,
- Management of up to 2 motor-fan groups (MASTER-SLAVE) at the same time for passage width up to 2400mm,
- Removable terminal blocks for 230Vac power supply, inputs, motors,
- Main power supply and accessories fuse,
  - USB port for firmware updates,
  - Motor test button to operate the motor during start up or maintenance without having to change wiring or special programming.

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Registro Imprese di Rimini n. 00 549 540 409

RAPPORTO DI PROVA N. 346389

TEST REPORT No. 346389

Luogo e data di emissione: Bellaria-Igea Marina - Italia, 31/10/2017
Place and date of issue:

Committente: FAAC S.p.A. - Via Monaldo Calari, 10 - 40069 ZOLA PREDOSA (BO) - Italia
Customer:

Data della richiesta della prova: 11/09/2017
Date testing requested:

Numero e data della commessa: 74266, 11/09/2017
Order number and date:

Data del ricevimento del campione: 21/09/2017
Date sample received:

Data dell'esecuzione della prova: 03/10/2017
Date of testing:

Oggetto della prova: determinazione in camera riverberante dei livelli di potenza sonora di ingresso automatico con lama d'aria integrata secondo le norme ISO 27327-2:2014 e UNI EN ISO 3741:2010
Purpose of testing: *determination in reverberation room of the sound power levels of automatic entrance with integrated air curtain unit in accordance with standards ISO 27327-2:2014 and UNI EN ISO 3741:2010*

Luogo della prova: Istituto Giordano S.p.A. - Strada Erbosa Uno, 78 - 47043 Gatteo (FC) - Italia
Place of testing:

Provenienza del campione: campionato e fornito dal Committente
Origin of sample: *sampled and supplied by the Customer*

Identificazione del campione in accettazione: 2017/2135
Identification of sample received:

Denominazione del campione*.
Sample name.*

Il campione sottoposto a prova è denominato "AIRSLIDE".
The test sample is called "AIRSLIDE".

(*) secondo le dichiarazioni del Committente.
according to information supplied by the Customer.

CLAUSOLE: il presente documento si riferisce solamente al campione o materiale sottoposto a prova e non può essere riprodotto parzialmente, salvo approvazione scritta dell'Istituto Giordano.
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ISTITUTO GIORDANO

TEST REPORT No. 358228

Customer

FAAC S.p.A.

Via Monaldo Calari, 10 - 40069 ZOLA PEDROSA (BO) - Italy

Item*

power operated pedestrian doorset called "APN2+2 with AIRSLIDE system"

Activity

verification of the break-out force in accordance with standard UNI EN 16005:2012-AC:2015

Results

compliant

(*) according to that stated by the customer.

Bellaria-Igea Marina - Italy, 31 January 2019

Chief Executive Officer

Order No.:
78398

Item origin:
sampled and supplied by the customer

Activity date:
28 January 2019

Activity venue:
FAAC S.p.A. - Via Monaldo Calari, 10 - 40069 Zola Pedrosa (BO) - Italy

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Normative references	6
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Method	6
Environmental conditions	6
Results	7
Conclusions	9

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The results relate only to the item examined, as received, and are valid only in the conditions in which the activity was carried out.
This document is the English translation of the test report No. 358228 dated 31 January 2019 issued in Italian; in case of dispute the only valid version is the Italian one. Date of translation: 20 February 2019.
The original of this document consists of an electronic document digitally signed pursuant to the applicable Italian Legislation.

Chief Test Technician:
Dott. Giacomo Rito
Head of Security and Safety Laboratory:
Dott. Andrea Bruschi

Author: Agostino Vasini
Reviewer: Dott. Andrea Bruschi

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AUTOMATED SYSTEMS FOR SPECIAL ENTRANCES

SF1400

AUTOMATED SYSTEMS FOR SPECIAL ENTRANCES

SF1400

Typical Installation Examples page. 218

SF1400

Automatic folding door

Passage opening

845 - 1.970 mm



- FAAC SF1400 SERIES automated systems are particularly suitable in environments with limited space where it is not possible to install a normal sliding door and where an escape route is needed in compliance with European Standard EN16005.
- Dual motor option to increase the thrust of the door when opening and to counter wind force or to allow locking of the doors when closing in windy areas.
- The range consists of different models which feature actuation of single or double foldable leaves, with or without mechanical breakthrough system.
- Automatic realignment of the door during movement in case of an abnormal stop or accidental impact.

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TECHNICAL SPECIFICATIONS

Model	SF1400
Power supply voltage	220-240 V~ - 50/60 Hz
Max. power	140 W
standby power	3 W
Use frequency	100%
Electric motor	Motor powered at 36 V ⎓ with encoder
Max. accessories load	1A - 24 ⎓
Type of traction	By means of an electro-conductive toothed belt
Opening leaf time	10 ÷ 60 cm/s (1 leaf) - 20 ÷ 120 cm/s (two leaves)
Closing leaf time	10 ÷ 60 cm/s (1 leaf) - 20 ÷ 120 cm/s (two leaves)
Partial opening adjustment	10% - 90% of total opening
Pause time	0 - 30 s
Night pause time	0 - 240 s
Encoder	As standard
Protection sensor monitoring (EN16005)	As standard (may be excluded)
Low energy movement (EN16005)	As standard (may be excluded)
Operating ambient temperature	-20°C ÷ +55°C
Protection class	IP 23 (for internal use only)
Compliance with regulations	EN 16005; EN 13489-1 PI "c"; EN 13489-2; EN 60335-1; EN 60335-2; EN ISO 12100; EN 61000-6-2; EN 61000-6-3
Glass thickness	double laminated glass 33-15-33 mm
Profile type	30 mm aluminium profiles
Escape route (EN 16005)	with mechanical breakthrough

FAMILY MODELS

Item code	Model	Leaves	Wall recess width (mm)	Free passage width (mm)	Wall recess height (mm)	Passage height (mm)	ANTI-PANIC APN and DOUBLE MOTOR
105436CS	SF1400 1	single foldable	1100 ÷ 1300	845 ÷ 1045	2200 ÷ 2600	2000 ÷ 2400	yes
	SF1400 2	double foldable	1600 ÷ 2340	1230 ÷ 1970	2200 ÷ 2600	2000 ÷ 2400	yes

Contact the FAAC area sales person to get the price offer.

THE COMPLETE SF1400 SPECIAL ENTRANCE INCLUDES THE FOLLOWING COMPONENTS:

SUPPORTING STRUCTURES

- Supporting structure that can be disassembled to facilitate transport

LEAVES

- The leaves are made with rounded aluminium profiles with reduced section, guaranteeing brightness and accident prevention safety.
- They are equipped with insulating glasses 33-15-33
- Lack of visible hinges and movement with the help of roller bearings.
- Anti-panic breakout opening system suitable for escape routes with adjustable magnetic leaf attachment.
- Structure and leaf finish with oxidation or painting with RAL colours

FRONT COVER

- Available in natural and anodized aluminum, with a height of 158 mm.

DRIVE UNIT COMPLETE WITH:

- Movement of the doors by means of a special linkage with a belt transmission for optimization of speed and smoothness.
- Main gearmotor powered at 36 Vdc with optical encoder
- Microprocessor control unit E1SL with specific firmware.
- Electro-conductive transmission belt.
- Power supply unit with switching power supply with low energy consumption (GREENTECH).

E1SL CONTROL UNIT

- E1SL Control Unit - the same as is used on the A1000 and A1400 with characteristics that comply with the safety requirements of European standard EN 16005
- 230 V~ switching power supply unit
- Specific, coloured and removable terminal boards
- Programming of basic functions: automatic, night, door open, one-directional, partial, manual
- Automatic adjustments
  - Definition of open and closed positions
  - Selection of optimal speed, acceleration and deceleration
  - Sensor monitoring in compliance with EN 16005
  - Anti-crushing safety device in compliance with EN 16005
  - Possibility of adjusting speed and SET UP execution directly on the board (without the aid of external programmers)
- RESET function
- 2 configurable output contacts
- N. 4 configurable input contacts
- 2 configurable emergency input contacts
- N. 2 programmable monitored safety sensor inputs EN16005
- Interlock function
- 'Gong' function
- 'Courtesy lights' function
- Immediate closing' function
- LCD display to view the door statuses, the fault diagnostics and programming
- 3 buttons for BASIC programming of:
  - number of leaves
  - pause time
  - energy saving
  - night pause
  - opening and closing speed
  - opening and closing thrust force
  - thrust force time
  - interior/exterior detector programming
  - emergency configuration
- 3 buttons for ADVANCED programming of:
  - monitored protection sensor management
  - input configuration
  - pharmacy function
  - motor block
  - motoring on motor lock
  - night function input delay
  - output configuration
- Firmware update and download/upload of some information (configurations, timers, log files) through the USB drive

COUNTER-VANDALISM SLIDING DOORS

SKR35

COUNTER-VANDALISM SLIDING DOORS

SKR35

Typical Installation Examples page. 218

SKR35

Anti-vandalism sliding door



- Pedestrian automatic entrance designed and certified according to safety features of burglar resistance class RC3 according to the European Standard EN 1627
- The RC3 certification in compliance with EU standard EN 1627 grants a high security level against break-in attempts made by professional thieves using manual devices such as screwdrivers, tongs and crowbars.
- Protection of shop and supermarket entrances, sensitive places where there's no need to install external protection shutters
- It permits complete visibility to the outside which is useful both for checking the inside and for displaying the products.

SKR35 must always be used together with a FAAC automatic door.

FAMILY MODELS

Item code	Model	Leaves	Wall recess width (mm)	Free passage width (mm)	Wall recess height (mm)	Passage height (mm)
105573	SKR35 1	1 moving	900÷1200	850÷1150	2285÷2500	2100÷2315
	SKR35 1+1	1 mobile and 1 fixed	2000÷2500	900÷1150	2285÷2500	2100÷2315
	SKR35 2	2 moving	1200÷1800	1100÷1700	2285÷2500	2100÷2315
	SKR35 2+2	2 mobile and 2 fixed	2500÷5000	1150÷2400	2285÷2500	2100÷2315

Contact the FAAC area sales person to get the price offer.

THE COMPLETE SKR35 SPECIAL ENTRANCE INCLUDES THE FOLLOWING COMPONENTS:

SUPPORTING STRUCTURES

- Complete automatic door consisting of a sturdy self-supporting extruded aluminium structure.
- Reinforced 35mm aluminium profiles suitable for assembly of automatic entrances with both fixed and mobile leaves equipped with P5A certified glass.
- Pre-assembled system with perimeter frame complete with supporting head section, side pillars and accessories.

LEAVES

- Recess floor guide with continuous floor sliding block fitted the full length of the door leaf;
- Structure and leaf finish with oxidation or painting with RAL colours;
- P5A certified safety glass in the following dimensions: 44/6-12-33/2
- N.1 three-point safety mechanical lock installed in the central panels and accessible both from inside and outside of the property
- Junction between mobile and fixed leaves through dedicated aluminium profiles equipped with anti-lifting system;
- Thermal and acoustic seals thanks to lateral brushes.

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Registro Imprese di Rimini n. 00 549 540 409

TEST REPORT No. 328490

Place and date of issue: Bellaria-Igea Marina - Italy, 20/10/2015

Customer: FAAC S.p.A. - Via Calari, 10 - 40069 ZOLA PREDOSA (BO) - Italy

Date test requested: 12/05/2015

Order number and date: 66562, 15/05/2015

Date specimen received: from 18/04/2015 to 08/07/2015

Test date: from 18/04/2015 to 08/07/2015

Purpose of test: burglar resistance and classification (resistance under static loading, resistance under dynamic loading and resistance to manual burglary) of an automatic door-set with two sliding leaves and two fixed leaves in accordance with standards UNI EN 1627:2011, UNI EN 1628:2011, UNI EN1629:2011 and UNI EN 1630:2011

Test site: Istituto Giordano S.p.A. - Via Erbosa, 72 - 47043 Gatteo (FC) - Italy

Specimen origin: sampled and supplied by the Customer

Identification of specimen received: Nos. 2015/1772 and 2015/1773

Specimen name*

The test specimen is called "INGRESSO AUTOMATICO FAAC SKR35" *("FAAC SKR35 AUTOMATIC ENTRANCE DOOR")*.

(*) according to that stated by the Customer.

LAB N° 0021

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SLIDING ENTRANCES FOR STERILE ENVIRONMENT

FHE Series

FHE Sliding

Sliding entrance for sterile environment

Opening

Automatic or Manual

Leaf

Single or double with seal or hermetic seal option



- The FAAC FHE Series automatic entrances are designed for hospital applications and for bacterial contamination controlled environments in accordance with the European Regulation EN16005.
- The range is made up of various hermetically sealed models available with few surface finishing treatments like aluminium and Stainless Steel.
- A wide range of accessories complete the offer such as lead panels, vision panels and safety sensors.

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TECHNICAL SPECIFICATIONS

Model	FHE Sliding
Power supply voltage	220-240V~ – 50/60 Hz
Max. power	140 W
standby power	3 W
Use frequency	100%
Max leaf width	65 mm
Electric motor	Motor powered at 36 V ⎓ with encoder
Auxiliary motor	Motor powered at 36 V ⎓
Max. accessories load	1A - 24 V ⎓
Type of traction	By means of an electro-conductive toothed belt
Opening leaf time	10 ÷ 60 cm/s (1 leaf) - 20 ÷ 120 cm/s (two leaves)
Closing leaf time	10 ÷ 60 cm/s (1 leaf) - 20 ÷ 120 cm/s (two leaves)
Partial opening adjustment	5% - 95% of total opening
Pause time	0 - 30 s or Energy Saving function
Night pause time	0 - 240 s
Encoder	As standard
Protection sensor monitoring (EN16005)	As standard (may be excluded)
Low energy movement (EN16005)	As standard (may be excluded)
Operating ambient temperature	-20°C ÷ +55°C
Protection class	IP 23 (for internal use only)
Compliance with regulations	EN 16005; EN 13489-1 PI "c" CAT.2; EN 13489-2; EN 60335-1; EN 60335-2; EN ISO 12100; EN 61000-6-2; EN 61000-6-3

FAMILY MODELS

Item code	Model	Leaves	Free passage width (mm)	Passage height (mm)
105141	FHE-SSA Airtight automatic sliding door	single / double	800 ÷ 2000	2000 ÷ 2500
105142	FHE-SSM Airtight manual sliding door	single / double	800 ÷ 2000	2000 ÷ 2500
105143	FHE-SHA Airtight automatic sliding door	single	800 ÷ 2000	2000 ÷ 2150
105144	FHE-SHM Airtight manual sliding door	double	800 ÷ 2000	2000 ÷ 2150

THE COMPLETE SPECIAL ENTRANCE FHE INCLUDES THE FOLLOWING COMPONENTS:

DOOR FRAME

- The door frame, which is adjustable on three sides, consists of two elements, the frame profile and the subframe profile made of extruded aluminium and/or wide radius shaped stainless steel.
- Inside the frame profile there are special grooves designed to house the friction seal that joins it to the subframe profile.
- The frame profile also has a special internal groove used for fastening it.
- The groove is closed by a joint seal that is flush with the frame profile.
- By using different extension elements made of extruded aluminium, the door frame can be used on walls of various thickness.

FRONT COVER

- Protective housing and cover for the sliding mechanism in shaped extruded aluminium with wide radius corners and free from sharp edges and protrusions for easy cleaning.
- The housing profile contains a groove designed to receive the seal that completely closes its lower side in correspondence with top profile of the leaf
- The ends of the housing profile are closed with end caps having the same curvature as the profile.
- The housing profile allows easy maintenance that can be carried out by a single operator

SUPPORTING PROFILE

- In extruded anodized aluminium, slotted for height and width adjustment
- Dimensions (height x width) 100/140 x 166 mm
- Sliding track integrated in profile

LEAVES

- Leaf made of extruded aluminium and/or wide radius shaped stainless steel.
- The top profile of the leaf is specially shaped to allow the carriage unit to be installed directly, without having to use an adapter profile.
- A special extruded non-toxic silicone seal is installed on the vertical profiles and the upper profile of the leaf.
- A special two-component seal with a lip facing the frame profile side is fitted into a special groove on the bottom profile of the leaf.

DRIVE UNIT COMPLETE WITH:

- Main gearmotor powered at 36 V with optical encoder
- Auxiliary gearmotor powered at 36 V with belt tensioning adjustment (in the double motor version)
- E1400 microprocessor control unit with safety control
- Electro-conductive transmission belt 12 mm
- 2 carriages (1 mobile leaf version) or 4 carriages (2 leaf version)
- Power supply unit with switching power supply with low energy consumption (GREENtech)

CARRIAGES

- Galvanised steel structure
- 2 sliding wheels in synthetic material on bearing
- Nylon counterthrust roller on bearing
- Height adjustment ± 7.5 mm via screw
- Lateral adjustments ± 10 mm
- Extruded aluminium leaf connection profile or spacers
- Brush for sliding track cleaning

E1SL CONTROL UNIT

- E1SL Control Unit - the same as is used on the A1000 and A1400 with characteristics that comply with the safety requirements of European standard EN 16005
- 230 V~ switching power supply unit
- Specific, coloured and removable terminal boards
- Programming of basic functions: automatic, night, door open, one-directional, partial, manual
- Automatic adjustments
  - Definition of open and closed positions
  - Selection of optimal speed, acceleration and deceleration
  - Sensor monitoring in compliance with EN 16005
  - Anti-crushing safety device in compliance with EN 16005
  - Possibility of adjusting speed and SET UP execution directly on the board (without the aid of external programmers)
- RESET function
- 2 configurable output contacts
- N. 4 configurable input contacts
- 2 configurable emergency input contacts
- N. 2 programmable monitored safety sensor inputs EN16005
- Interlock function
- 'Gong' function
- 'Courtesy lights' function
- Immediate closing' function
- LCD display to view the door statuses, the fault diagnostics and programming
- 3 buttons for BASIC programming of:
  - number of leaves
  - pause time
  - energy saving
  - night pause
  - opening and closing speed
  - opening and closing thrust force
  - thrust force time
  - interior/exterior detector programming
  - emergency configuration
- 3 buttons for ADVANCED programming of:
  - monitored protection sensor management
  - input configuration
  - pharmacy function
  - motor block
  - motoring on motor lock
  - night function input delay
  - output configuration
- Firmware update and download/upload of some information (configurations, timers, log files) through the USB drive

FHE Swing

Swing entrance for sterile environment

Opening

Automatic or Manual

Leaf

Single or double with seal or hermetic seal option



- The FAAC FHE Series automatic entrances are designed for hospital applications and for bacterial contamination controlled environments in accordance with the European Regulation EN16005.
- The range is made up of various hermetically sealed models available with few surface finishing treatments like aluminium and Stainless Steel.
- A wide range of accessories complete the offer such as lead panels, vision panels and safety sensors.

safe zone

EN16005 CE

TECHNICAL SPECIFICATIONS

Model	FHE Swing
Power supply voltage	220-240 V~ - 50/60 Hz
Max. power	100 W
standby power	3 W
Use frequency	100%
Electric lock power supply voltage	(N.O./N.C.) 24 V ⎓ / 500 mA max.
Electric motor	Motor powered at 24V ⎓
Max. accessories load	1A - 24 V ⎓
Dimensions (LxDxH)	530x105x160 mm (length x height x depth)
Weight	10 kg
Operation in case of power cut	Manual push/pull opening - Spring closing
Max. leaf opening angle	100° ÷ 125°
Opening leaf time	4 - 10 s (adjustable)
Closing leaf time	11 ÷ 60 cm/s (1 leaf) - 20 ÷ 120 cm/s (2 leaves)
Partial opening adjustment	10% - 90% of total opening
Pause time	0 - 30 s
Night pause time	0 - 30 s
Encoder	As standard
Protection sensor monitoring (EN16005)	As standard (may be excluded)
Low energy movement (EN16005)	As standard (may be excluded)
Operating ambient temperature	-20°C ÷ +55°C
Protection class	IP 23 (for internal use only)
Compliance with regulations	EN 16005; EN 61000-6-2; EN 61000-6-3

FAMILY MODELS

Item code	Model	Leaf	Free passage width (mm)	Passage height (mm)
105145	FHE-HSA Airtight automatic swing door	single / double	800 ÷ 2500	2000 ÷ 2500
105146	FHE-HSM Airtight manual swing door	single / double	800 ÷ 2500	2000 ÷ 2500
105147	FHE-HHA Airtight automatic swing door	single	800 ÷ 1300	2000 ÷ 2500
105148	FHE-HM Non Airtight manual swing door	single / double	800 ÷ 2500	2000 ÷ 2500
105149	FHE-HA Non Airtight automatic swing door	single / double	800 ÷ 2500	2000 ÷ 2500

Contact the FAAC area sales person to get the price offer.

THE COMPLETE SPECIAL ENTRANCE FHE INCLUDES THE FOLLOWING COMPONENTS:

DOOR FRAME

- The door frame, which is adjustable on three sides, consists of two elements, the frame profile and the subframe profile made of extruded aluminium and/or wide radius shaped stainless steel.
- Inside the frame profile there are special grooves designed to house the friction seal that joins it to the subframe profile.
- The frame profile also has a special internal groove used for fastening it.
- The groove is closed by a joint seal that is flush with the frame profile.
- By using different extension elements made of extruded aluminium, the door frame can be used on walls of various thickness.

LEAVES

- Leaf made of extruded aluminium and/or wide radius shaped stainless steel.
- The FHE swing doors are fitted with concealed hinges that can be adjusted in all three dimensions to allow the leaf to adapt to all installation requirements.
- Designed withith seals between the vertical sides and the upper horizontal edge of the frame and the leaf, integrated with a retractable drop-down floor sealing system (in the hermeticcally sealed versions)

DRIVE UNIT

COMPLETE WITH:

- FAAC electro-mechanical automated system for swing doors with direct current motor and return spring
- Protective cover in anodised aluminium-colour painted plastic material
- Activation arms in extruded aluminium
- Installation either on the architrave or on the door with outwards or inwards opening
- Manual operation in the event of power failure and spring closing

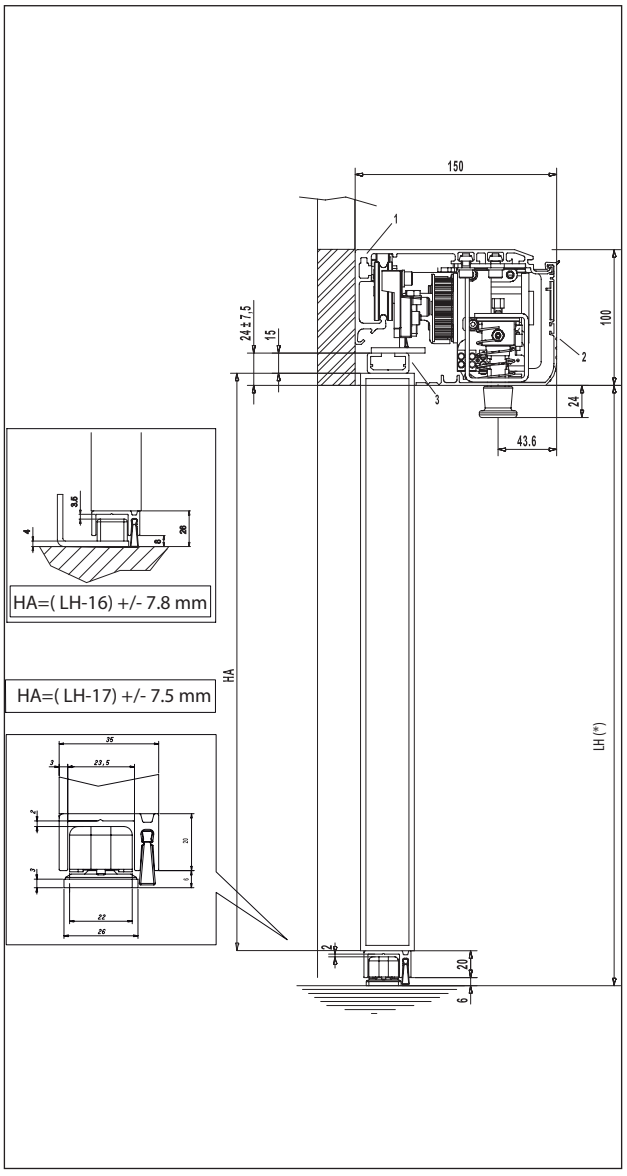
CONTROL UNITS

- Built-in microprocessor control unit with self-diagnosis and continuous monitoring of all door functions
- Anti-crushing protection active both during closing and opening through a high-precision magnetic encoder
- Integrated functions selector with the following operating logics:: AUTOMATIC - MANUAL/NIGHT - OPEN
- Self-learning of 'open' and 'closed ' door positions
- Selection of the type of arm to be used
- 'CLOSING STROKE' function to assure door closing even in the event of strong wind
- "Partial STOP safety" function that defines the opening safety detection space
- "PUSH and GO" function that controls the motorized opening with an initial manual push of the door
- "SCP" function to increase the force in the final part of the closure
- In the "HOLD-CLOSE" function, the automation opposes any attempts to open the door due to gusts of air or manual pushing
  - KP EVO, LK EVO and KS EVO functions keyboard support
  - The use of KP EVO keyboard features the following functions:
  - Entry of access password for user and installer;
  - opening and closing speed adjustments;
  - Adjustment of opening and closing speed
  - Anti-crushing safety device adjustment
  - pause time adjustment;
  - Self-diagnosis;
  - weekly calendar management;
  - lock management;
  - I/O programming;
  - Maintenance cycle warning;
  - Performed cycle number displaying;
- MASTER-SLAVE version for double leaves doors;
- INTERLOCK function;
- INTERCOM function;
- Firmware update and download/upload of some information (configurations, timers, log files) through the USB drive;

TYPICAL INSTALLATION EXAMPLES

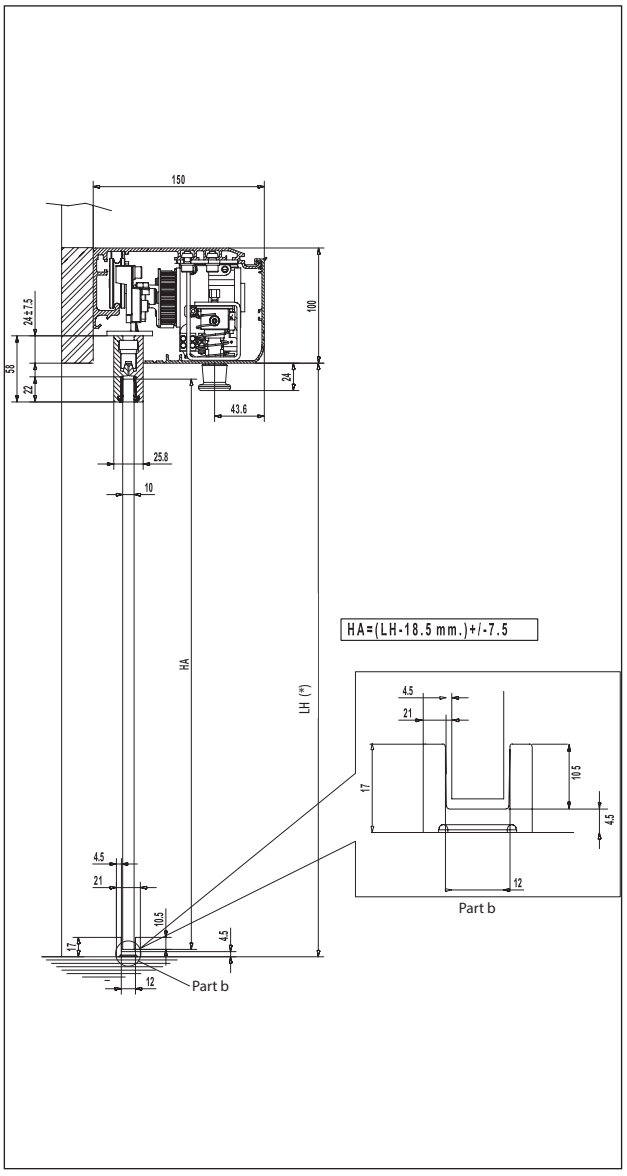
A1000

FRAMED LEAF HEIGHT REQUIREMENT



Note: dimensions in mm
(*) recommended max. 2500.

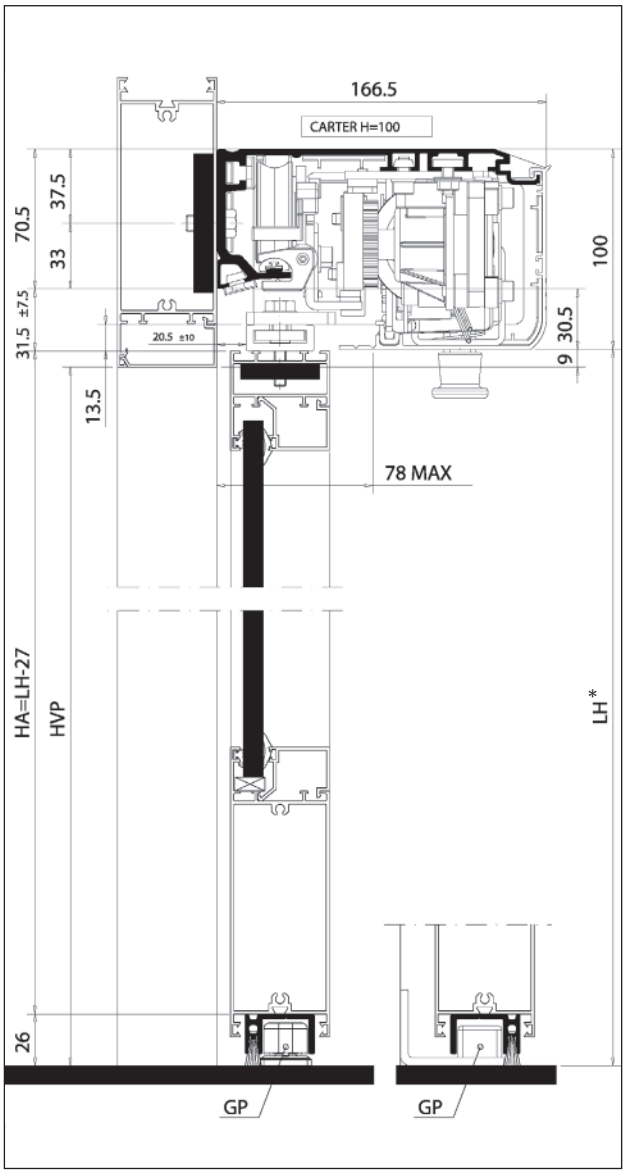
HEIGHT REQUIREMENT FOR CRYSTAL LEAF CONNECTION



Notes: dimensions in mm
(*) recommended max. 2500.

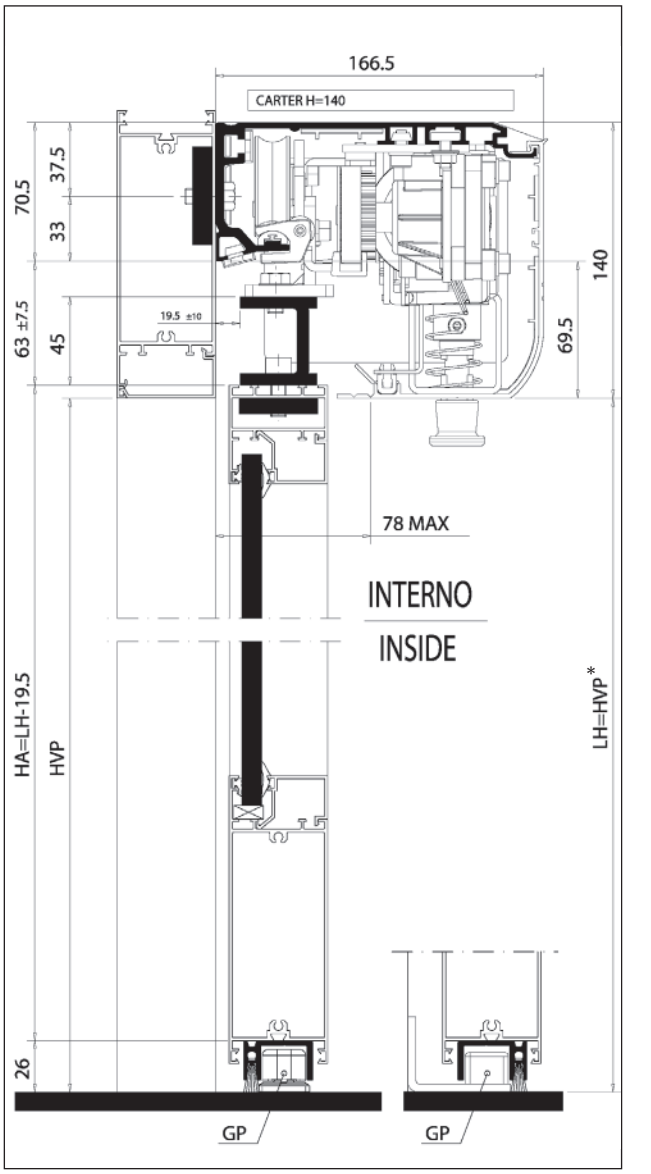
A1400 AIR

HEIGHT REQUIREMENT FOR FRAMED LEAF CONNECTION. VERSION H100



Note: dimensions in mm
(*) recommended max. 2500.

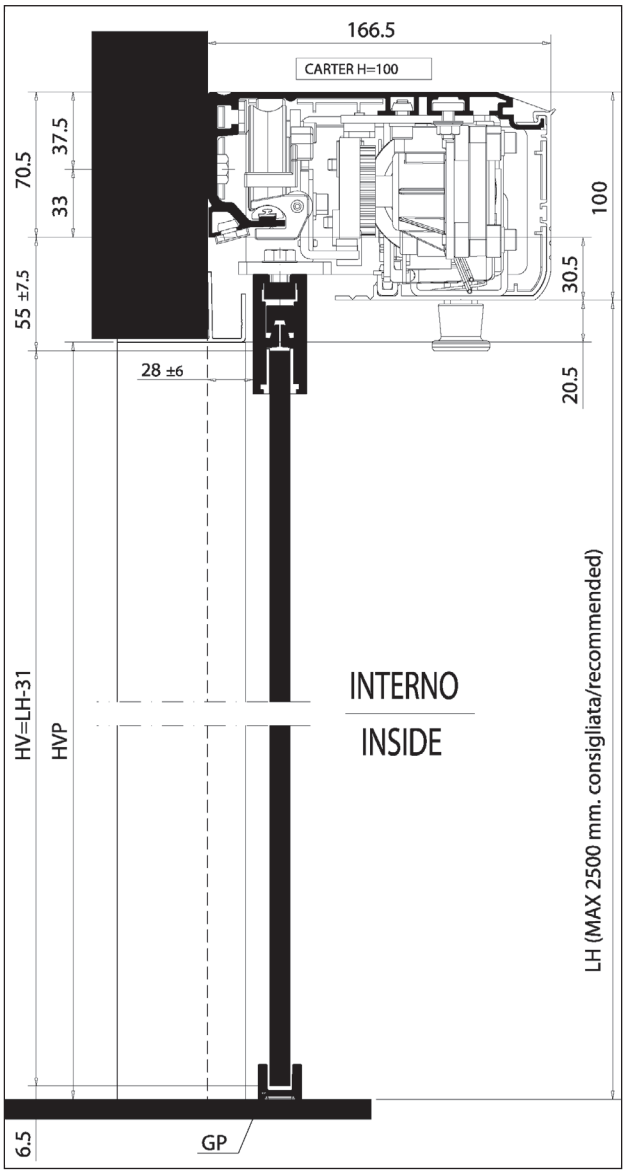
HEIGHT REQUIREMENT FOR FRAMED LEAF CONNECTION. VERSION H140



Note: dimensions in mm
(*) recommended max. 2500.

A1400 AIR

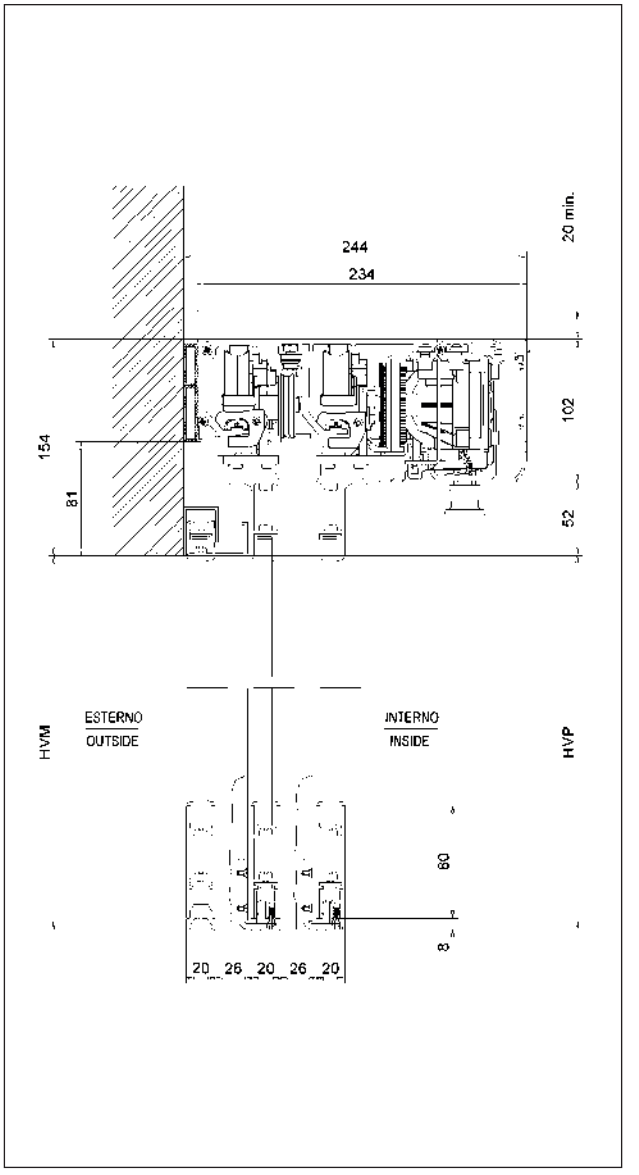
HEIGHT REQUIREMENT FOR CRYSTAL LEAF CONNECTION



Notes: dimensions in mm

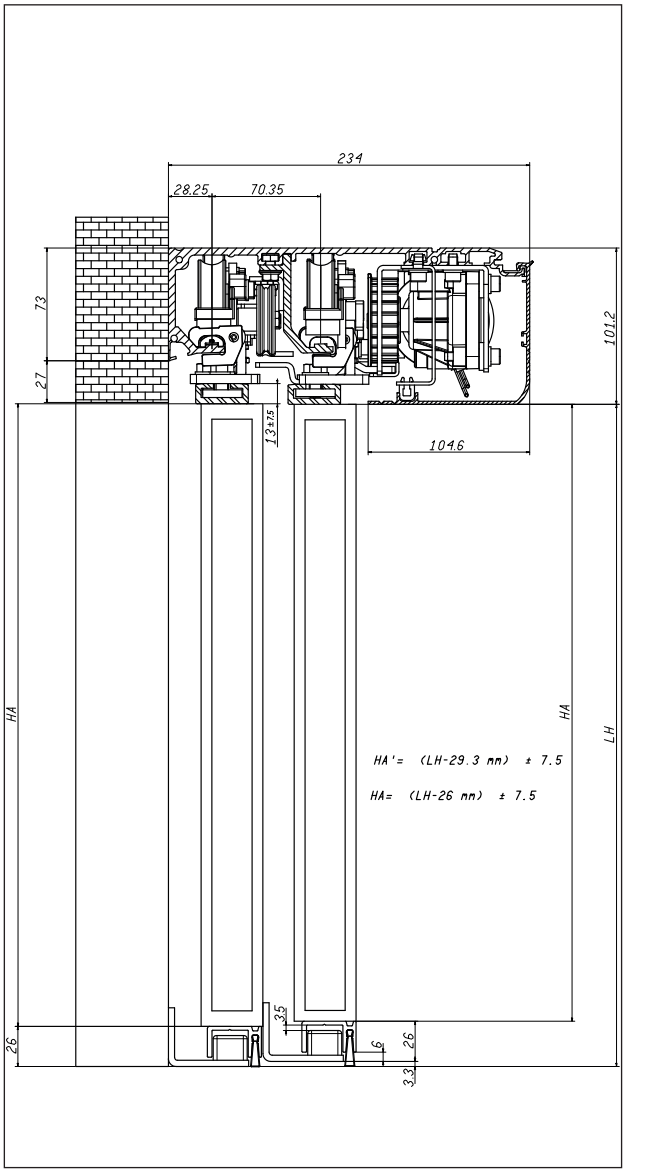
A1400 AIR T

2 TELESCOPIC SLIDING LEAVES WITH FIXED SIDE LEAF (TK20)



Note: dimensions in mm

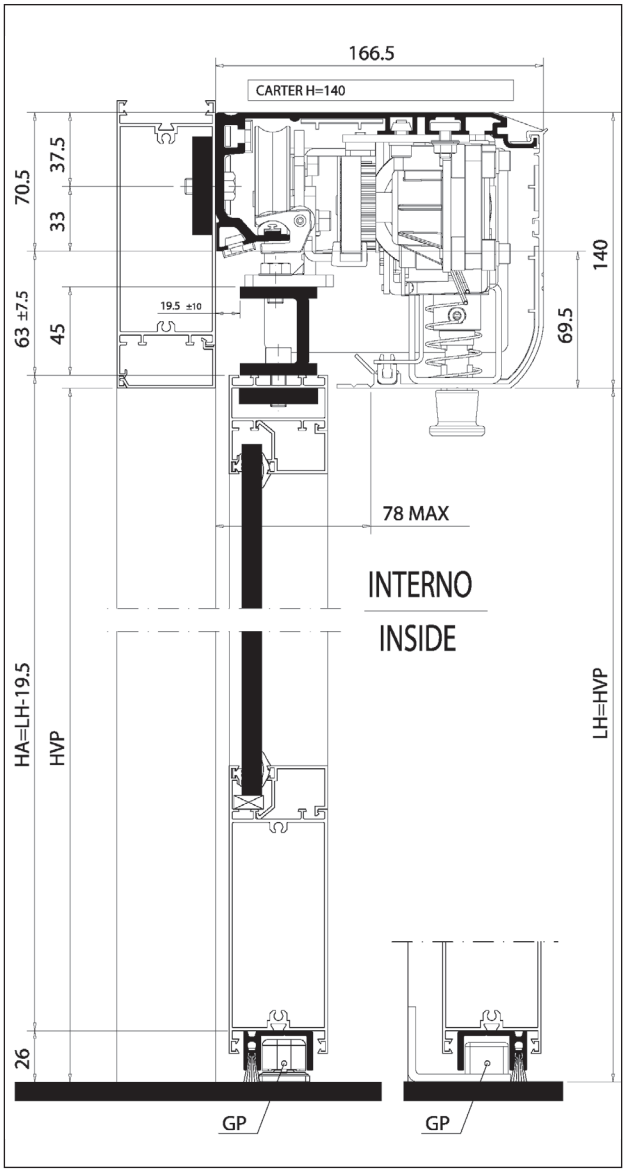
2 TELESCOPIC SLIDING LEAVES



Note: dimensions in mm

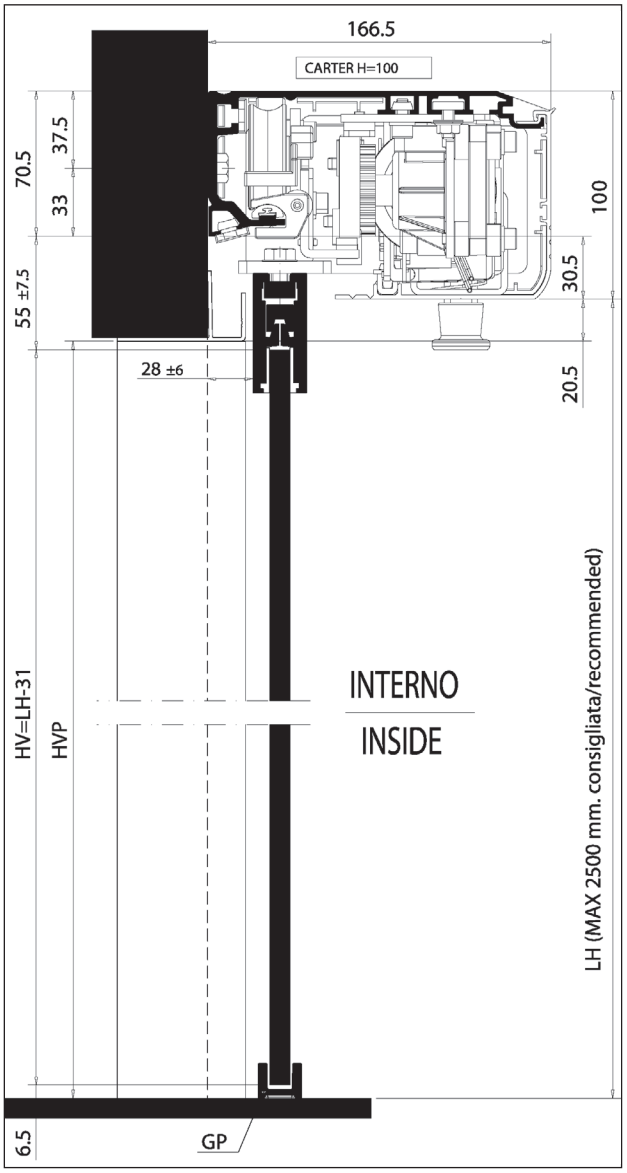
A1400 AIR RD/ RDF

FRAMED LEAF - H140 VERSION - HEIGHT REQUIREMENT



Note: dimensions in mm

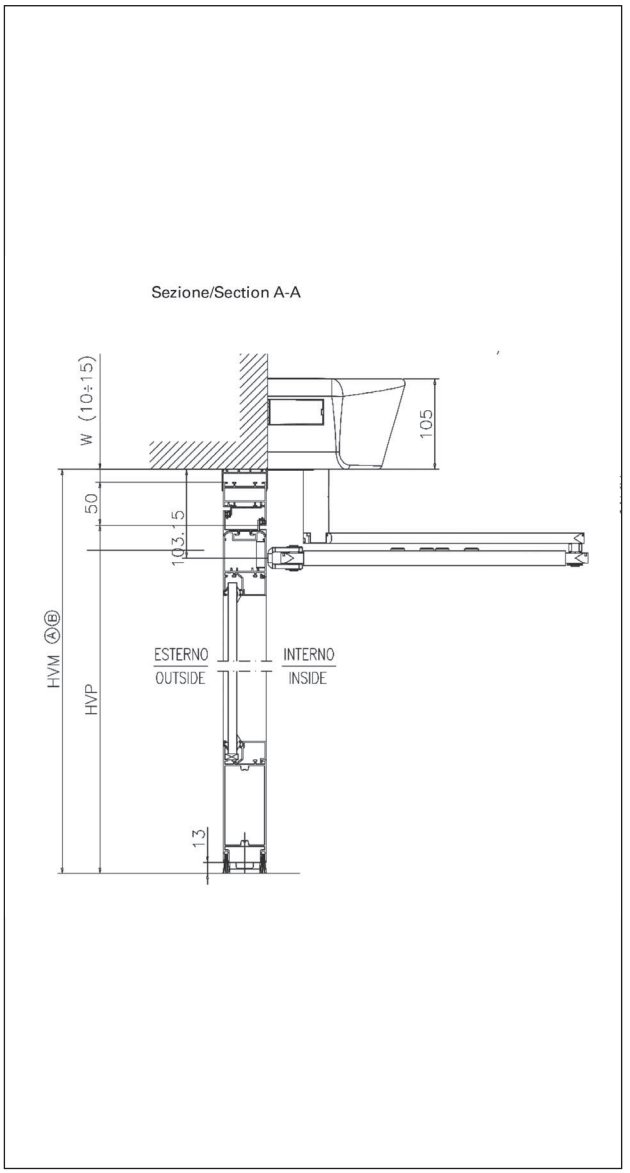
HEIGHT REQUIREMENT FOR CRYSTAL LEAF CONNECTION



Note: dimensions in mm

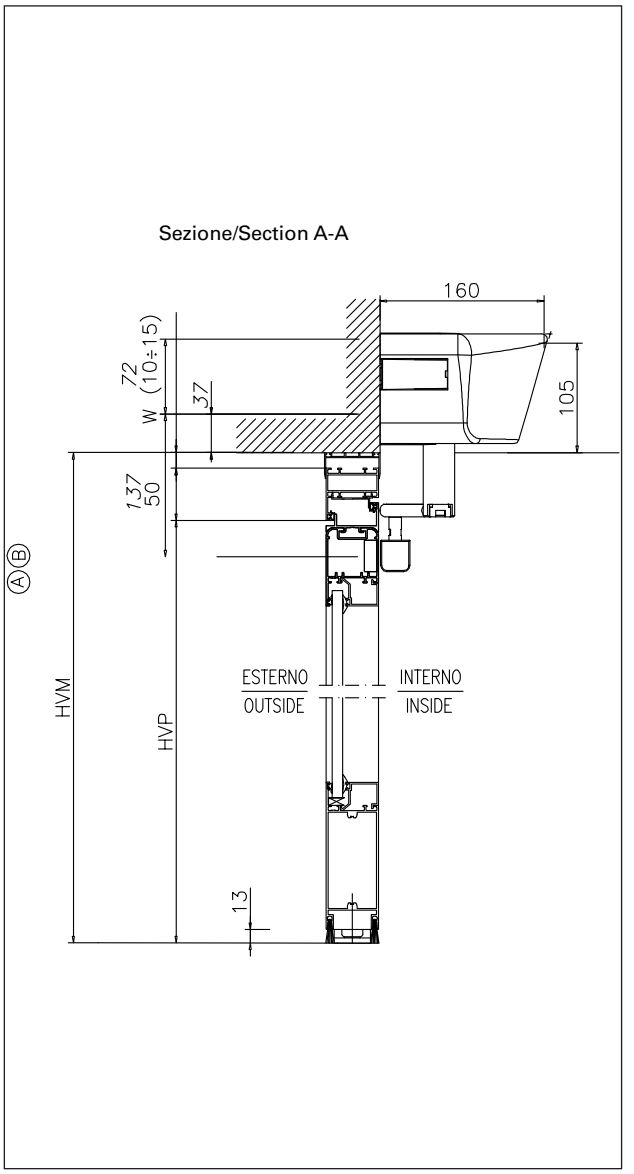
950N2

EXAMPLE OF INSTALLATION WITH ARTICULATED ARM



Note: dimensions in mm

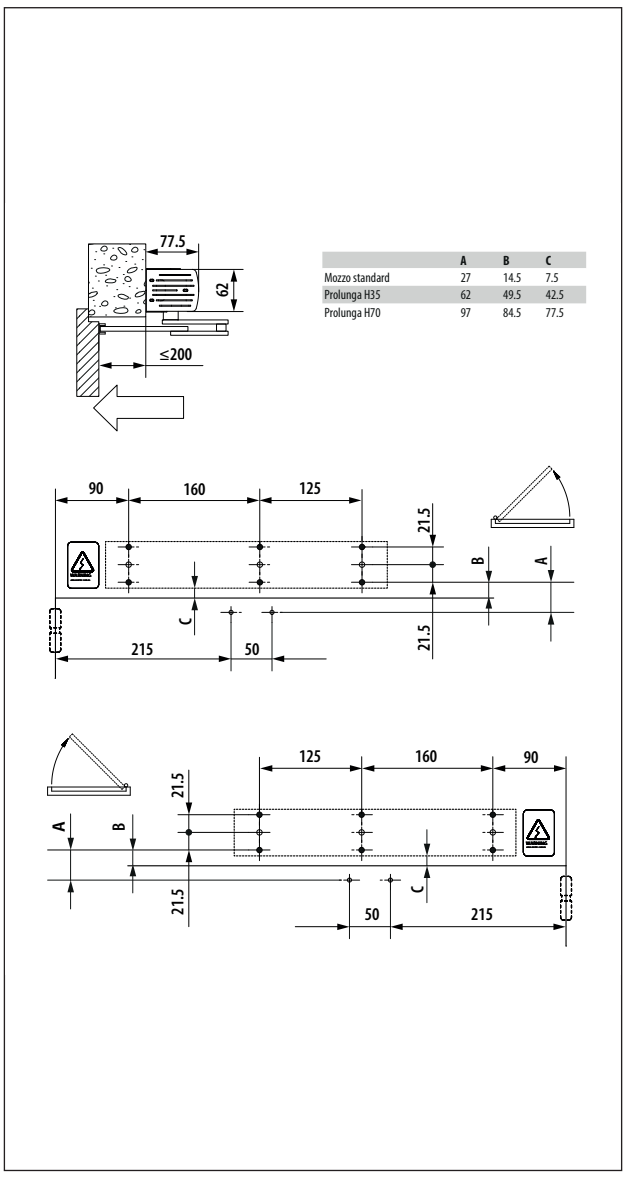
EXAMPLE OF INSTALLATION WITH SLIDING ARM



Note: dimensions in mm

A951

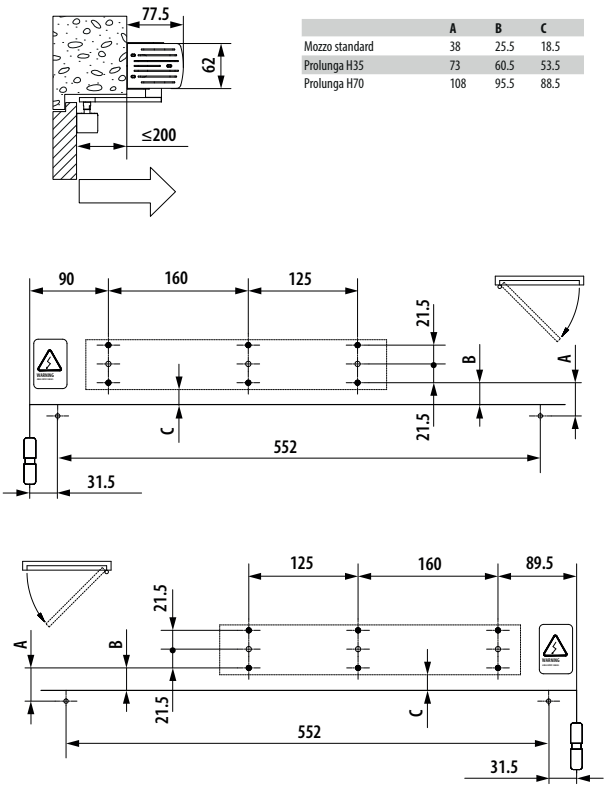
EXAMPLE OF INSTALLATION WITH ARTICULATED ARM



	A	B	C
Mozzo standard	27	14.5	7.5
Prolunga H35	62	49.5	42.5
Prolunga H70	97	84.5	77.5

Note: dimensions in mm

EXAMPLE OF INSTALLATION WITH SLIDING ARM

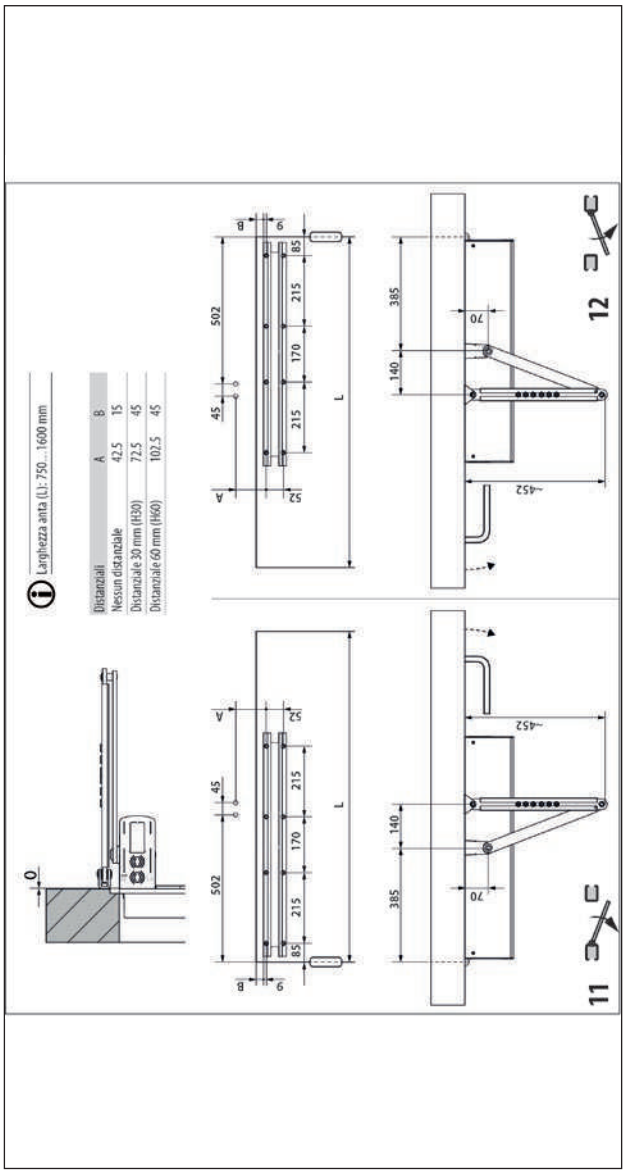


	A	B	C
Mozzo standard	38	25.5	18.5
Prolunga H35	73	60.5	53.5
Prolunga H70	108	95.5	88.5

Note: dimensions in mm

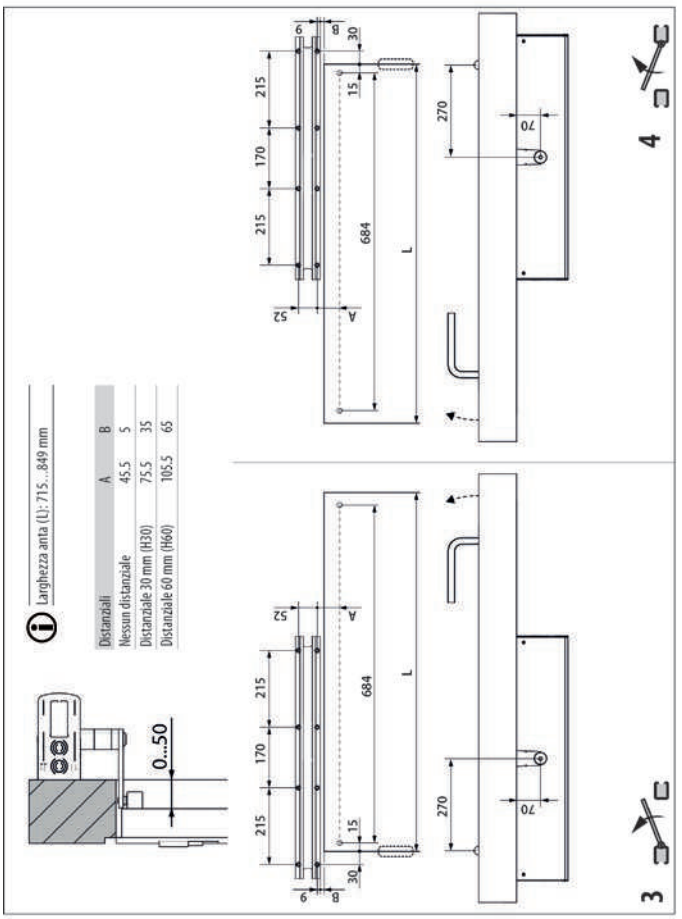
A952

EXAMPLE OF OVER THE TRANSOM INSTALLATION WITH ARTICULATED PUSH ARM



Note: dimensions in mm

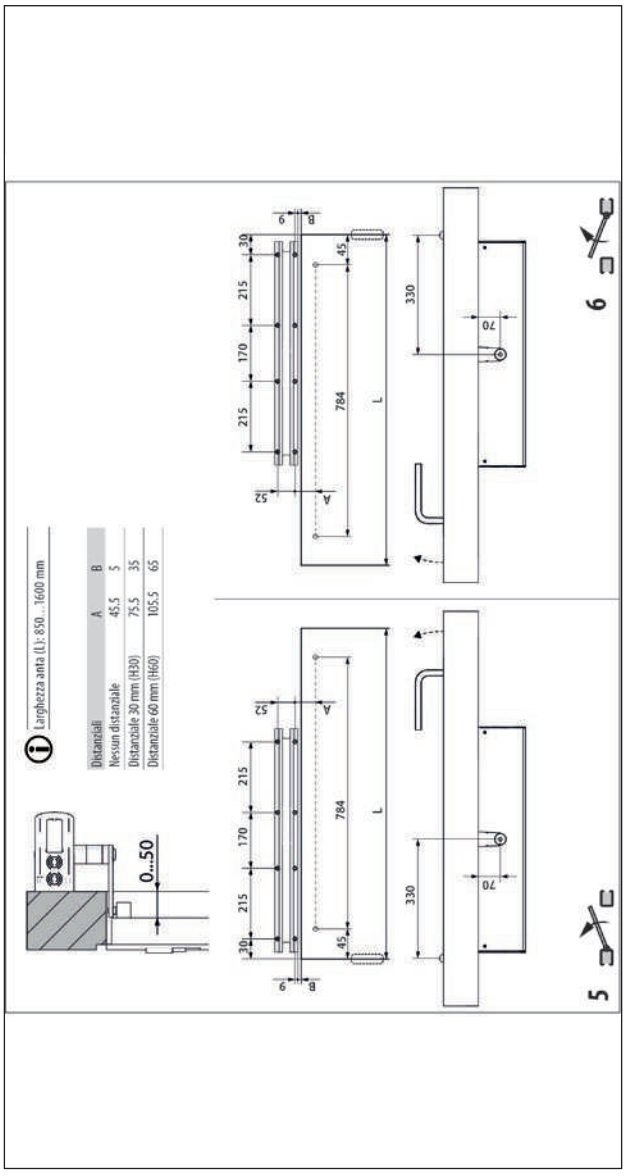
EXAMPLE OF OVER THE TRANSOM INSTALLATION WITH SHORT PUSH SLIDING BLOCK ARM



Note: dimensions in mm

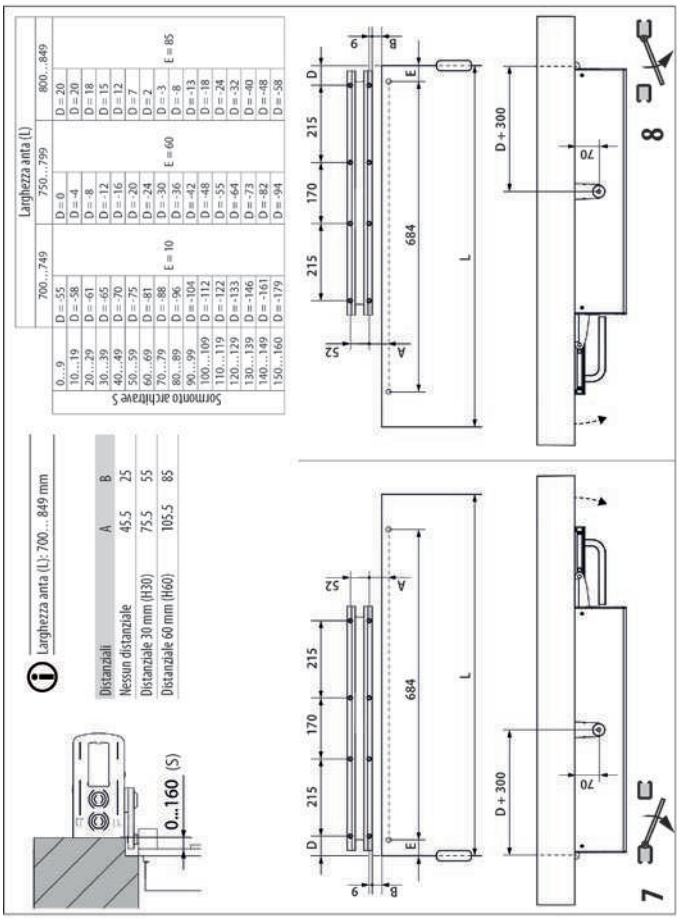
A952

EXAMPLE OF OVER THE TRANSOM INSTALLATION WITH STANDARD PUSH SLIDIG BLOCK ARM



Note: dimensions in mm

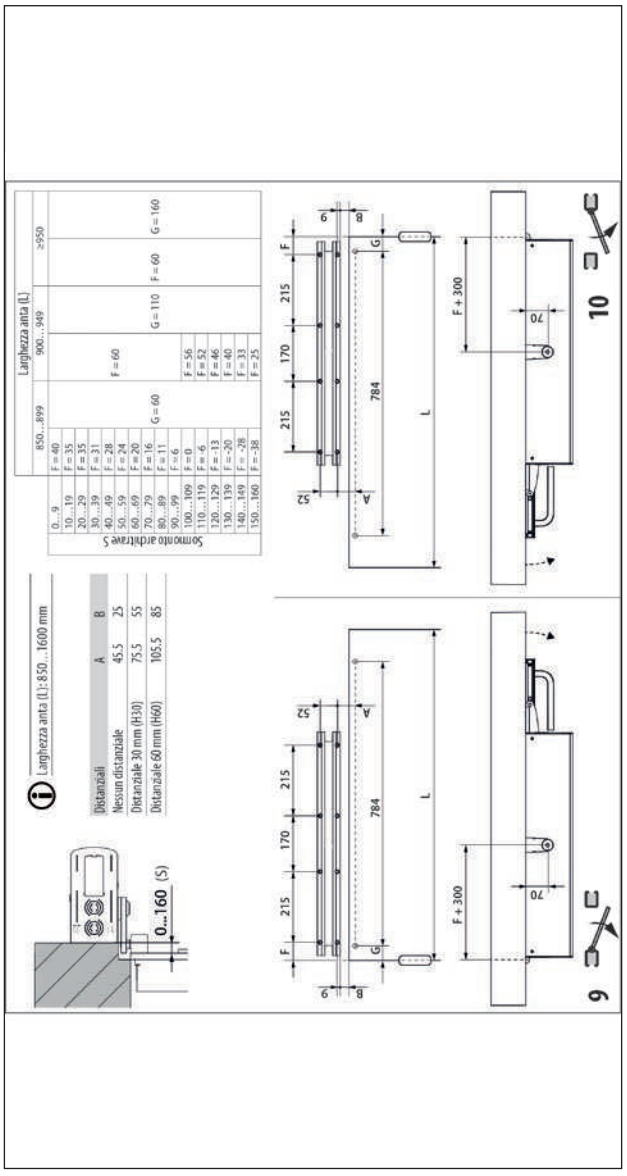
EXAMPLE OF OVER THE TRANSOM INSTALLATION WITH SHORT SLIDING BLOCK ARM



Note: dimensions in mm

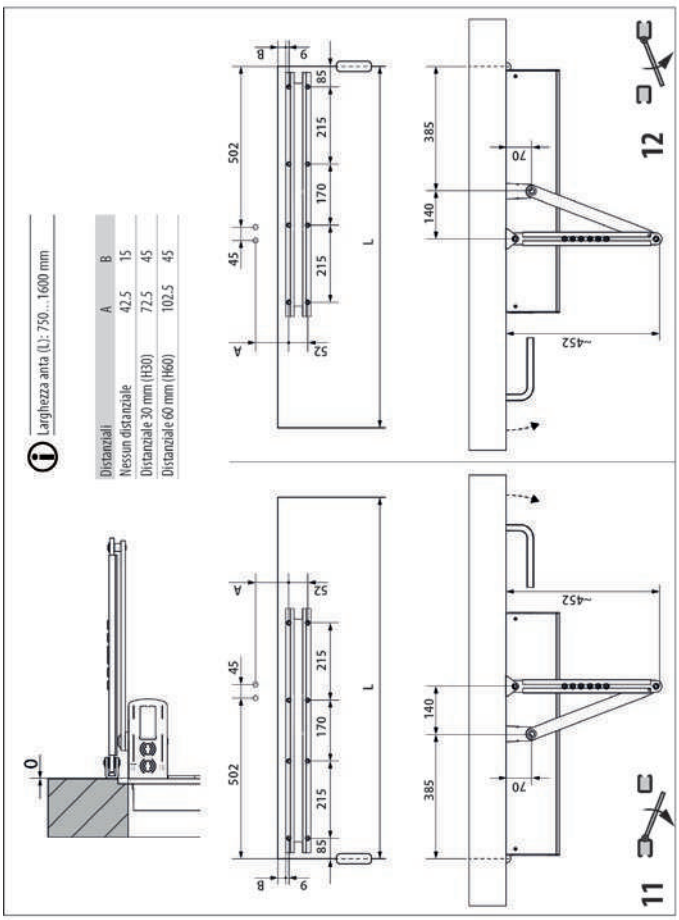
A952

EXAMPLE OF OVER THE TRANSOM INSTALLATION WITH STANDARD SLIDING BLOCK ARM



Note: dimensions in mm

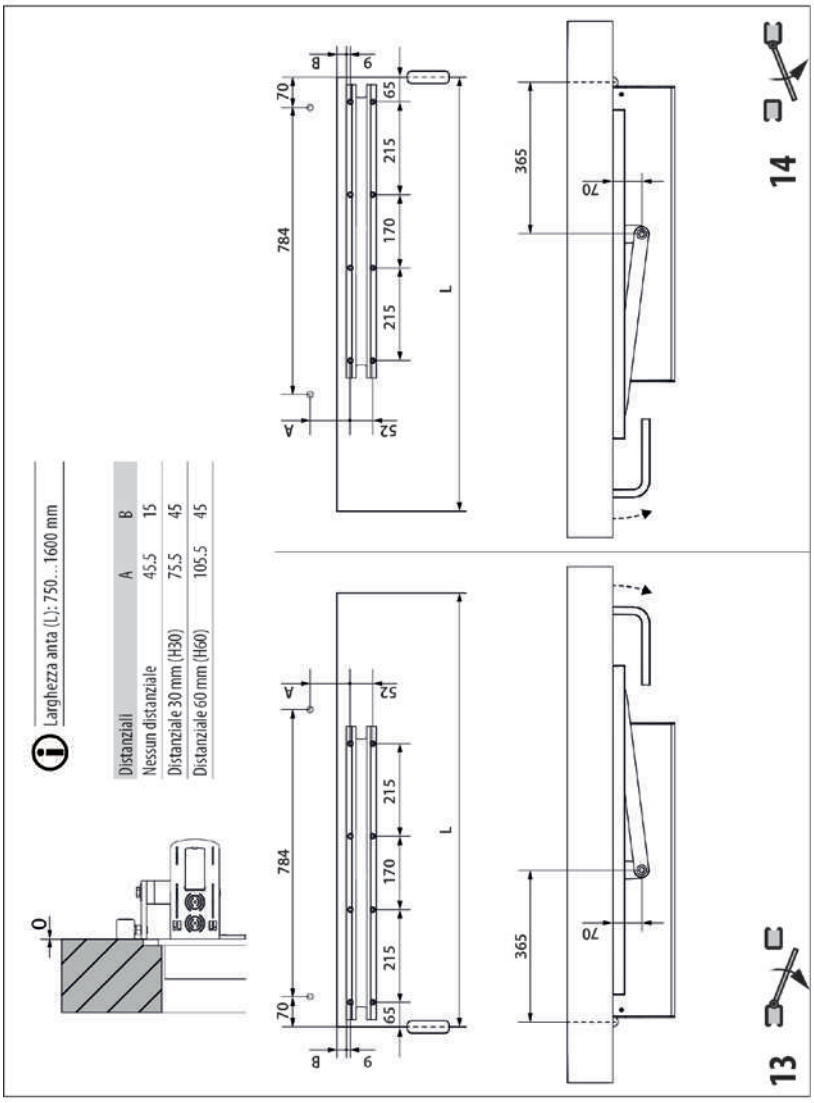
EXAMPLE OF OVER THE LEAF INSTALLATION WITH ARTICULATED PUSH ARM



Note: dimensions in mm

A952

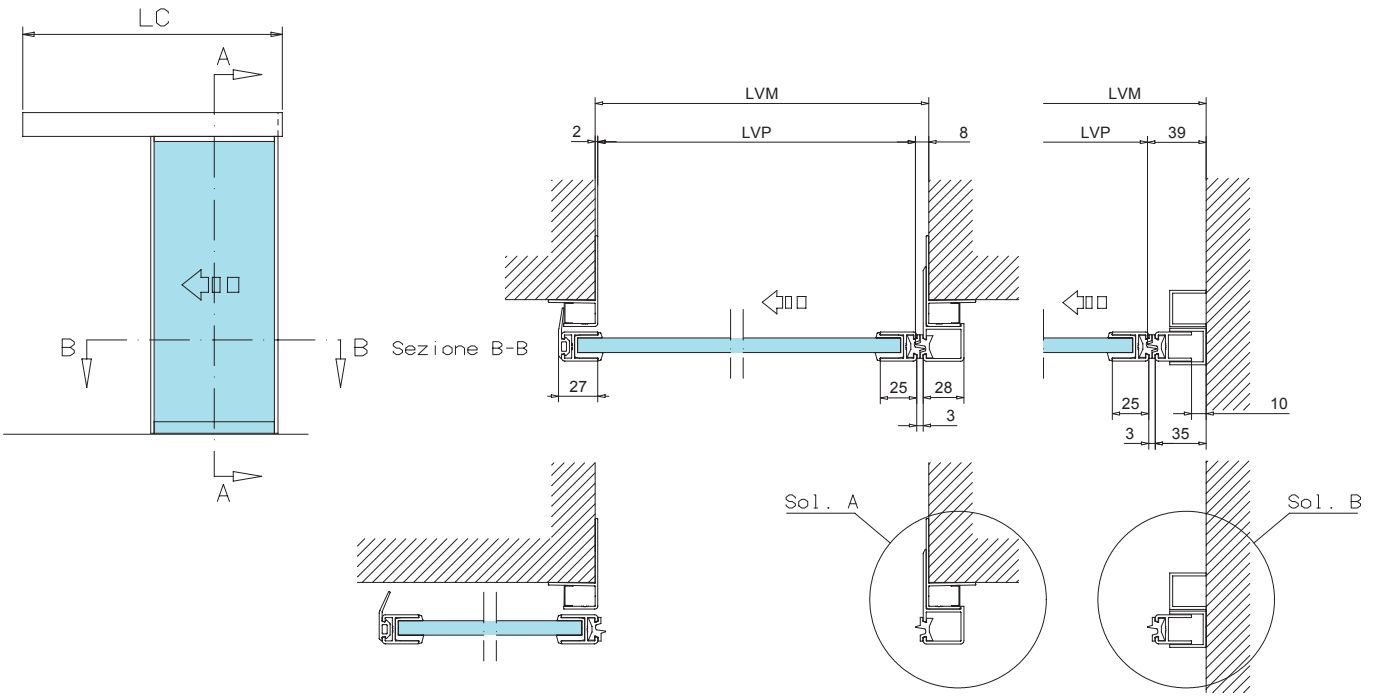
EXAMPLE OF ON LEAF INSTALLATION WITH STANDARD PUSH SLIDIG BLOCK ARM



Note: dimensions in mm

TK20

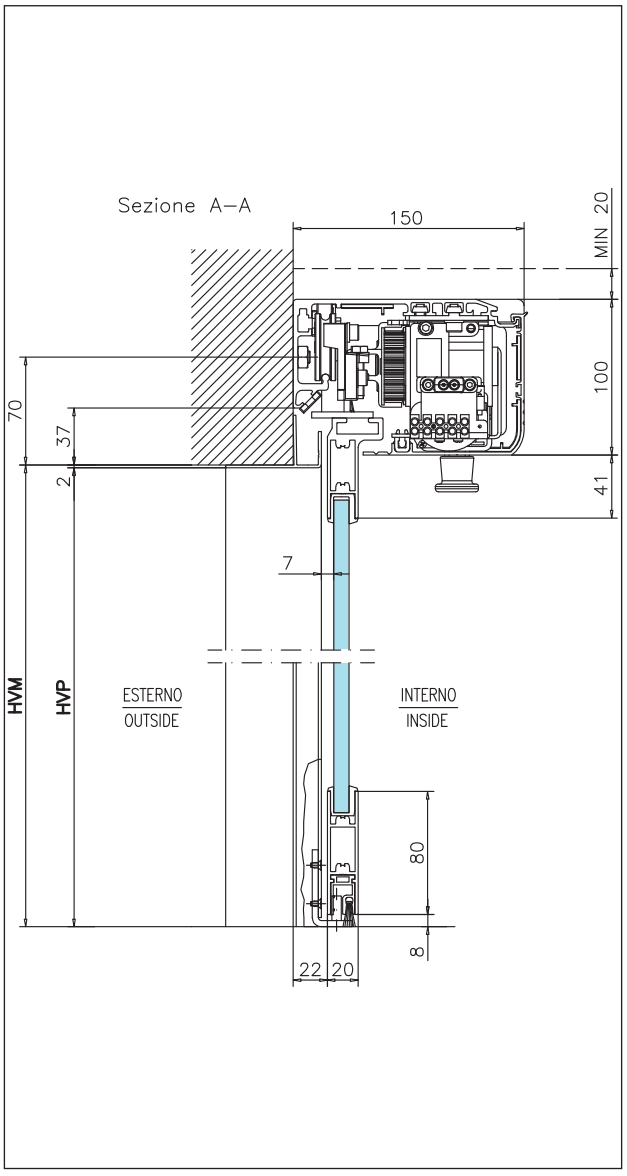
1 SLIDING LEAF



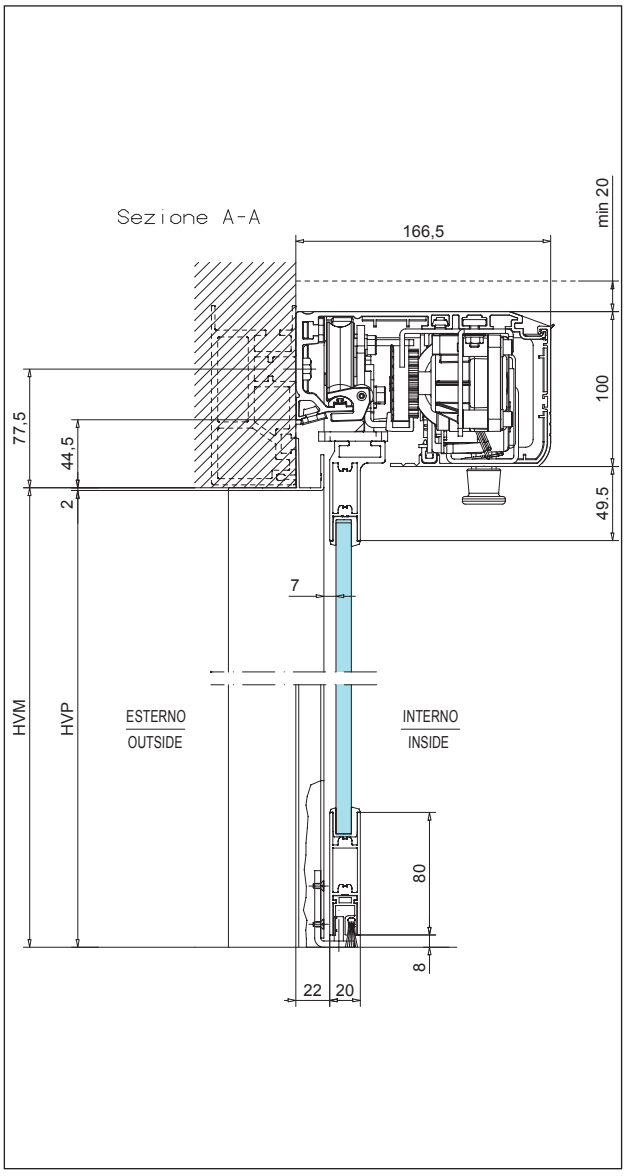
LVM = Wall recess width min. 700 / max. 2000 (*) **LVM = LVP+11 (sol.A) LVM = LVP + 42 (sol. B)**
LVP = Passage width **LVP = LVM-11 (sol.A) LVP = LVM-42 (sol. B)**
LC = Cover length
(*) for LVM>2000 mm, please contact FAAC.

TK20

FAAC A1000



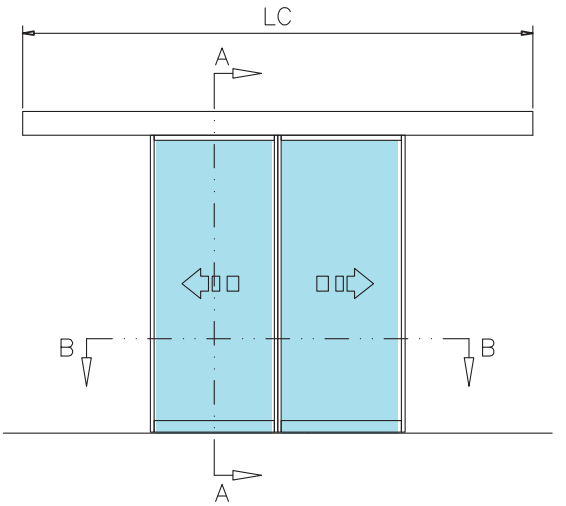
FAAC A1400 AIR1

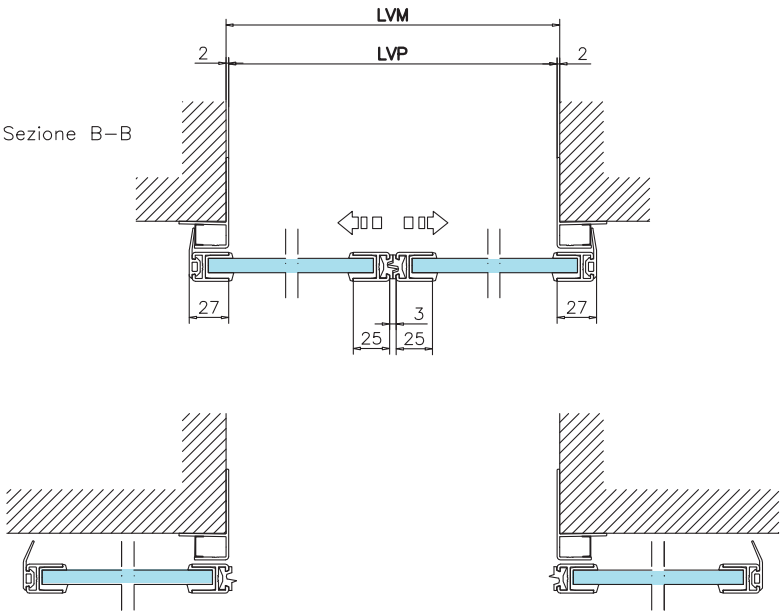


HVM = Wall recess height max. 2500 mm (*)
HVP = Passage height **HVP** = **HVM - 2**
(*) for LVM>5600 mm, please contact FAAC.

TK20

2 SLIDING LEAVES

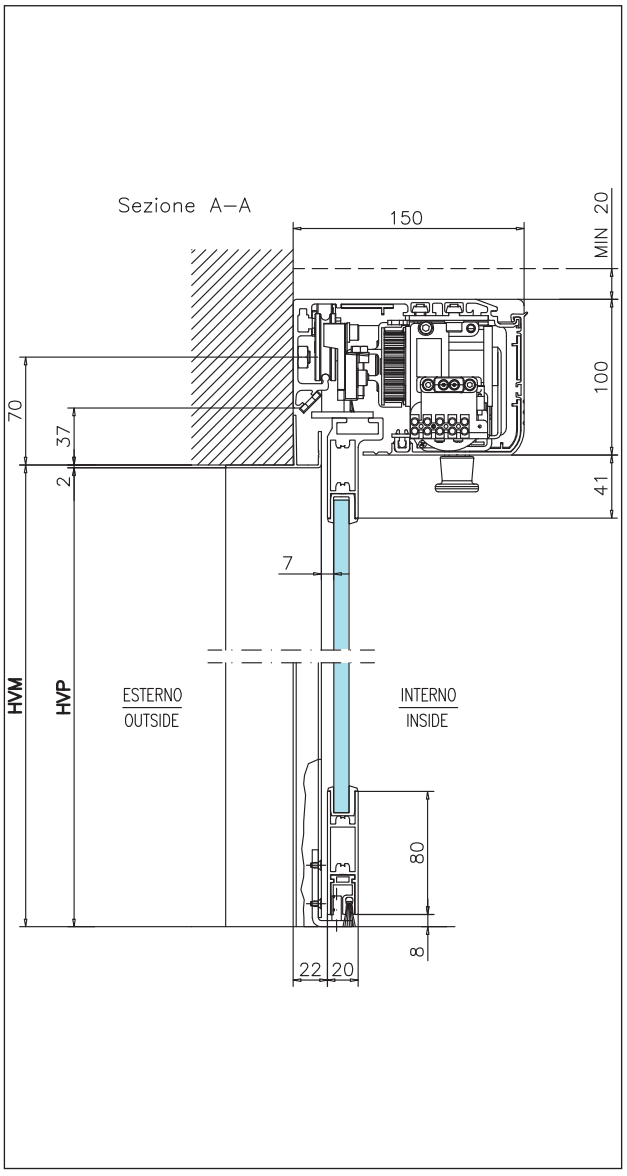




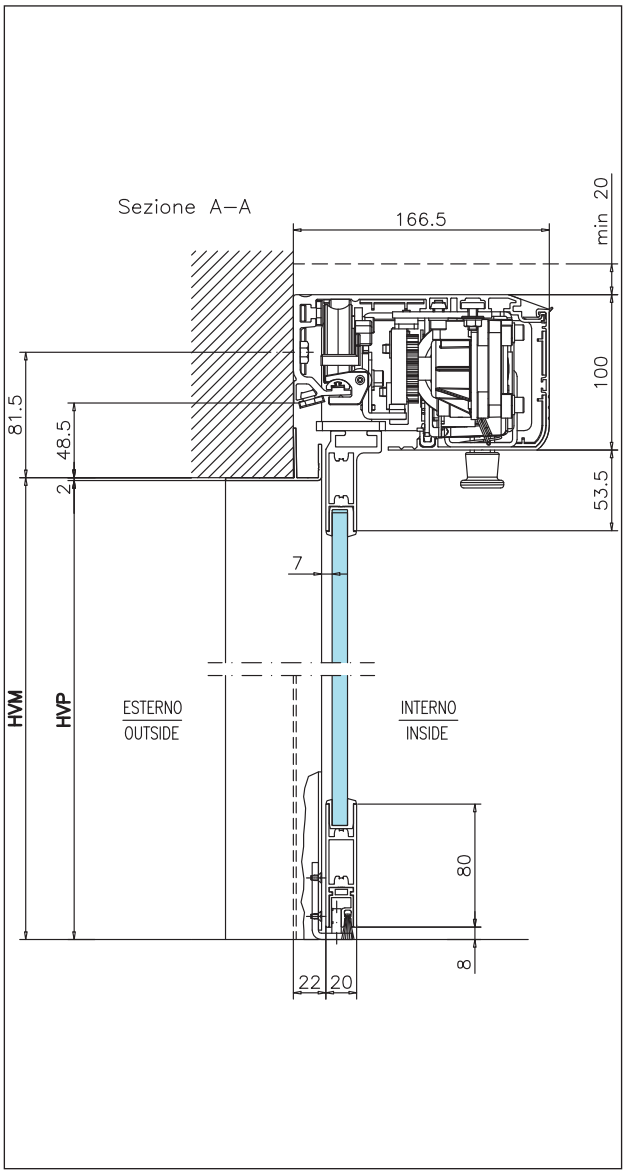
LVM = Wall recess width min 800 / max 2000 (*) **LVM = LVP+4**
LVP = free passage width min 800 / max 3000 mm (**) **LVP = LVM - 4**
LC = cover length
(*) for LVM>2500 mm, please contact FAAC.
(**) recommended

TK20

FAAC A1000



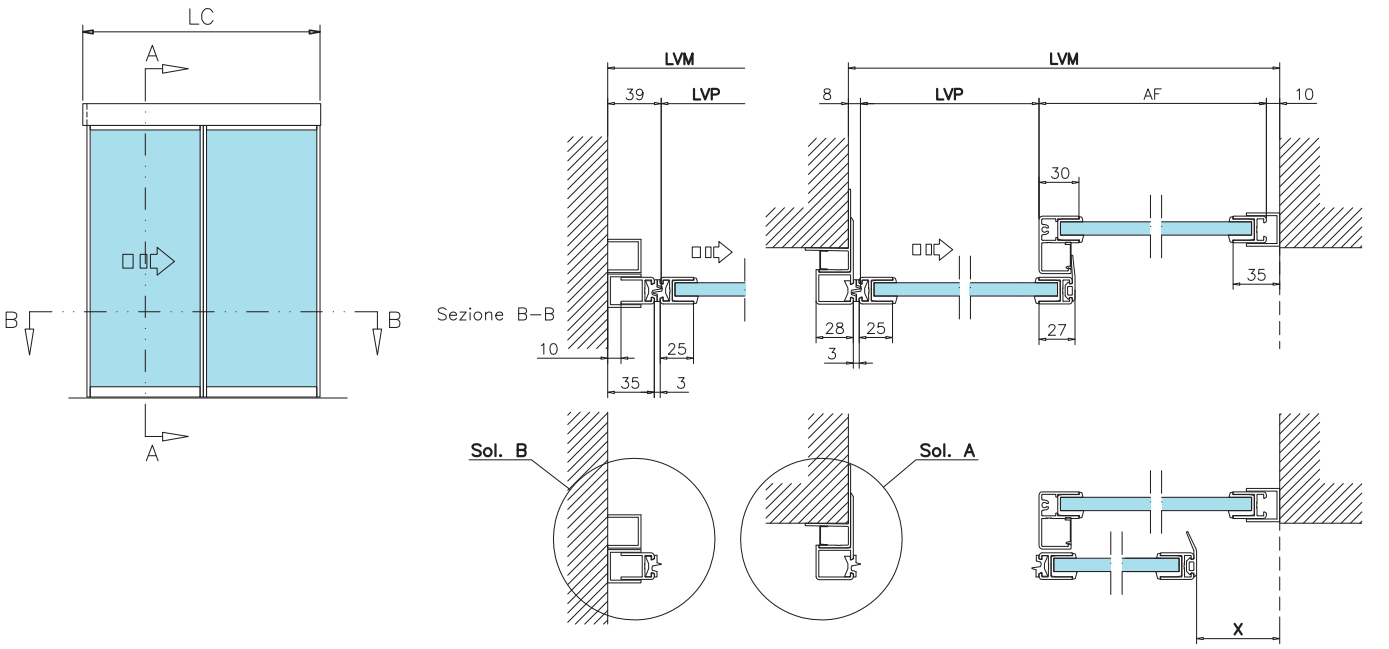
FAAC A1400 AIR2



HVM wall recess height max. 2500 mm (*)
HVP = passage height **HVP = HVM - 2**
(*) for LVM>5600 mm, please contact FAAC.

TK20

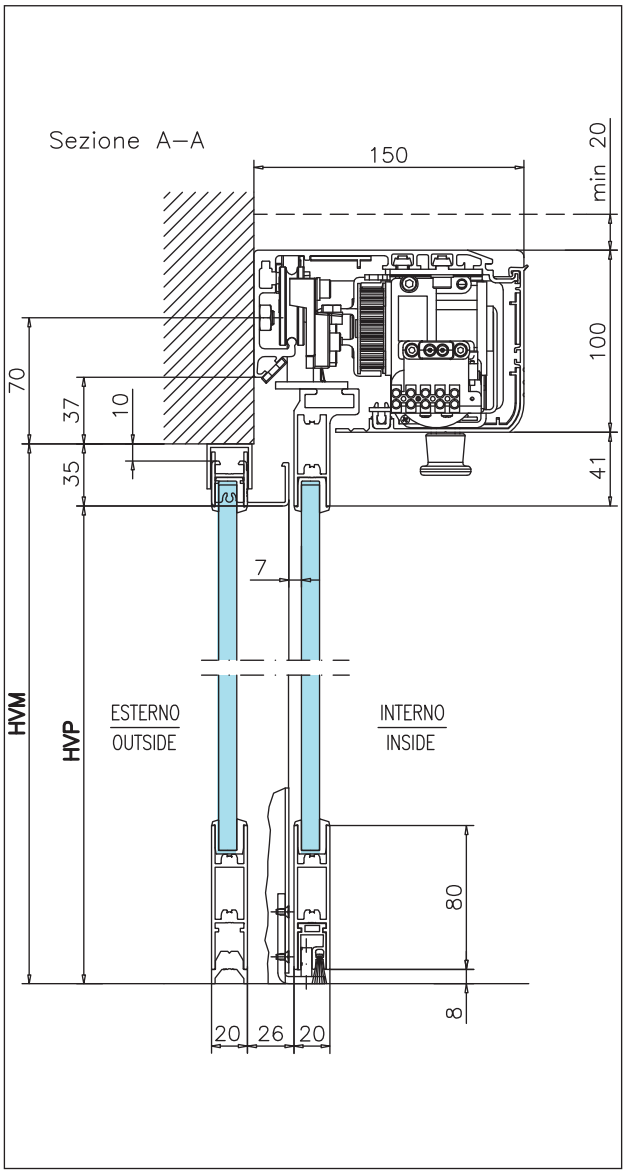
1 SLIDING LEAF WITH FIXED SIDE LEAF



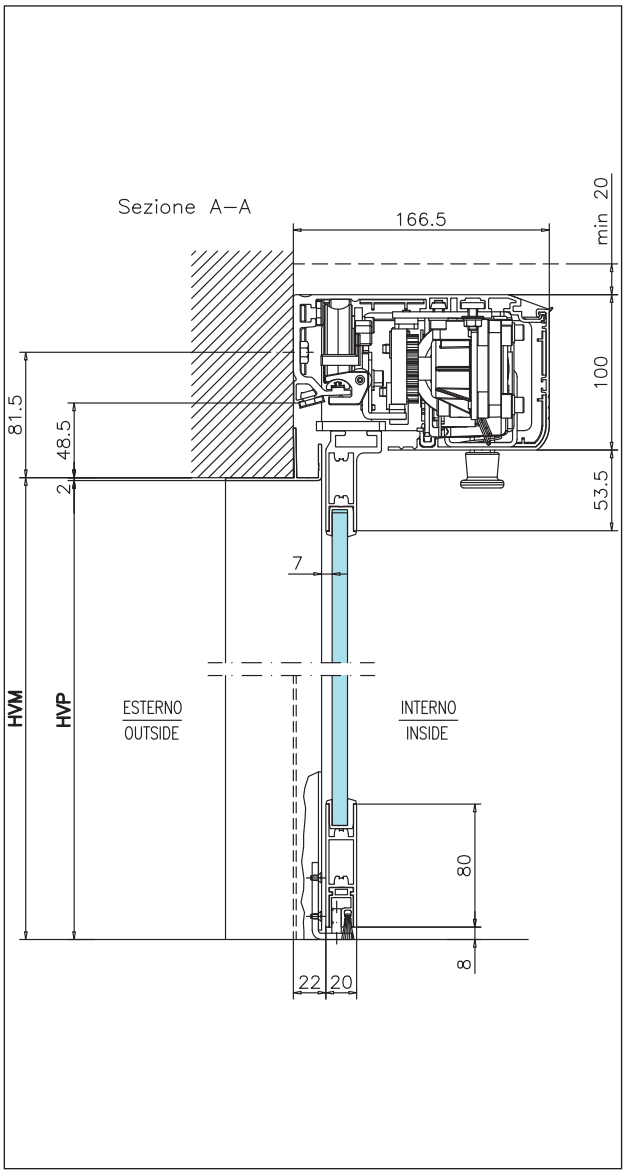
LVM = Wall recess width min 1500 / max 5100 (*) **LVM = 2LVP+45+X (sol.A) LVM = 2 LVP+76+X (sol. A)**
LVP = free passage width **LVP = (LVM-45-X)/2 (sol.A) LVP = (LVM-76-X)/2 (sol. B)**
X = passage height Min 60 mm
LC = cover length
(*) per LVM>2500 mm, please contact FAAC.

TK20

FAAC A1000



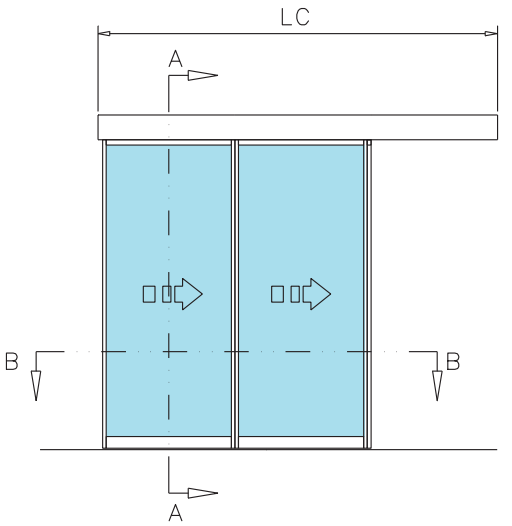
FAAC A1400 AIR1

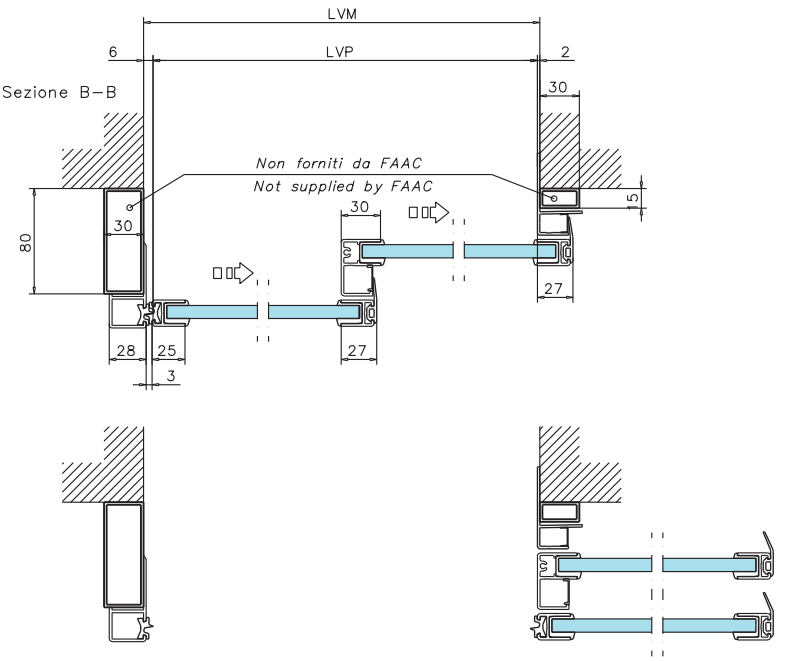


HVM = wall recess height max. 2500 mm (*)
HVP = passage height **HVP = HVM-35**
(*) for LVM>5600 mm, please contact FAAC.

TK20

2 TELESCOPIC SLIDING LEAVES

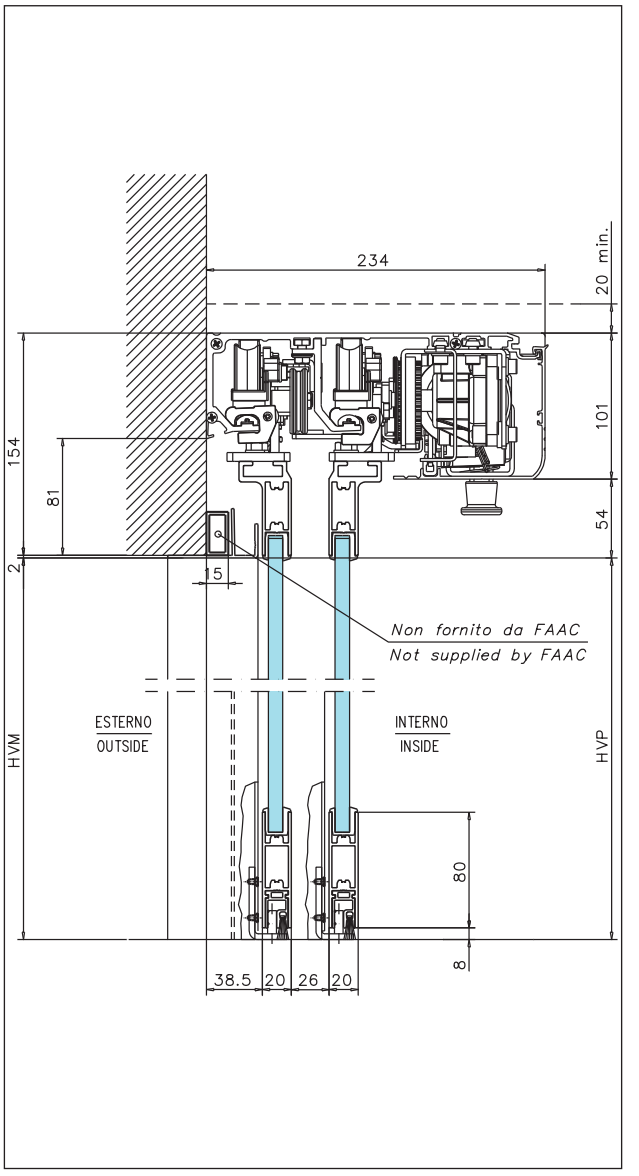




LVM = Wall recess width min 1100 / max 3000 **LVM = LVP + 8**
LVP = Passage width **LVP = LVM - 8**
LC = cover length

TK20

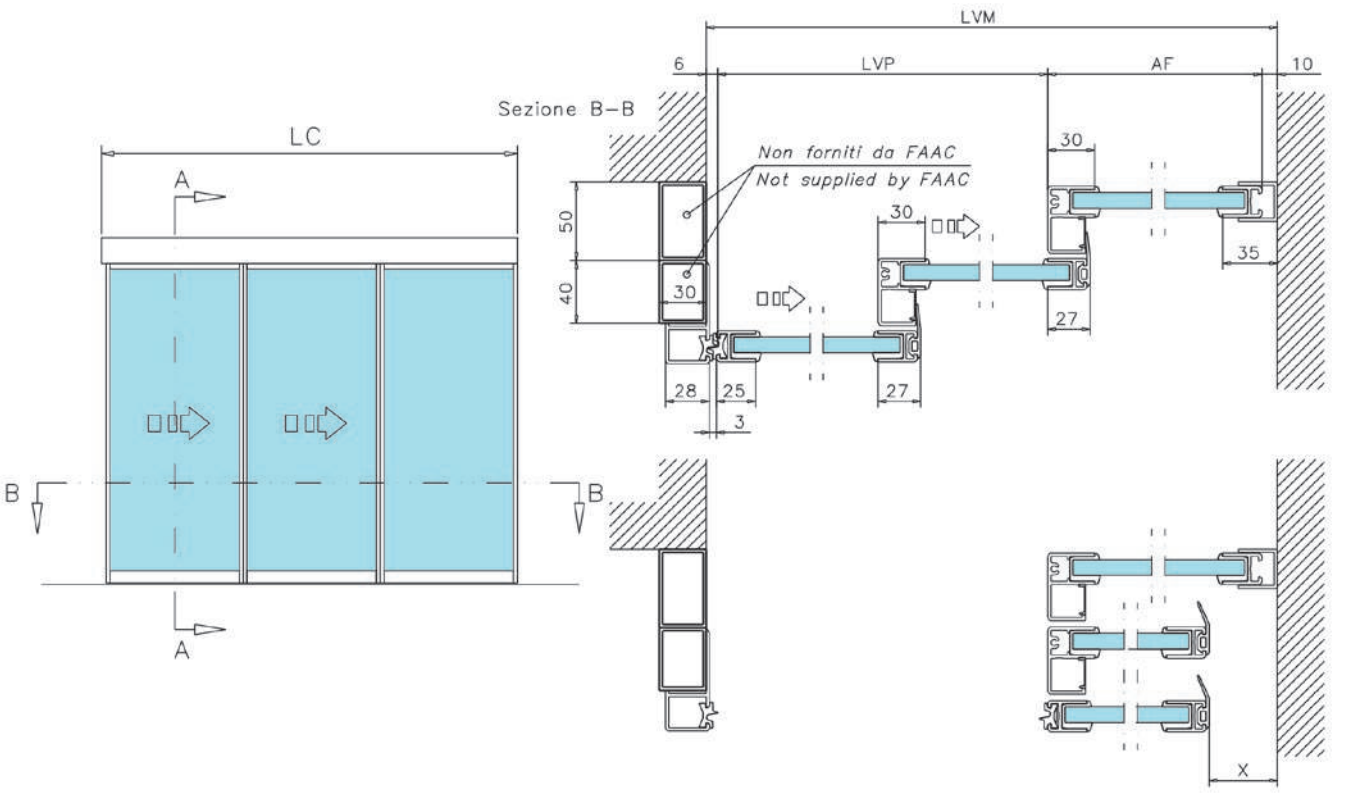
FAAC A1400 AIR T2



HVM = wall recess height max. 2500 mm (*)
HVP = passage height **HVP = HVM - 2**
(*) for LVM>5600 mm, please contact FAAC.

TK20

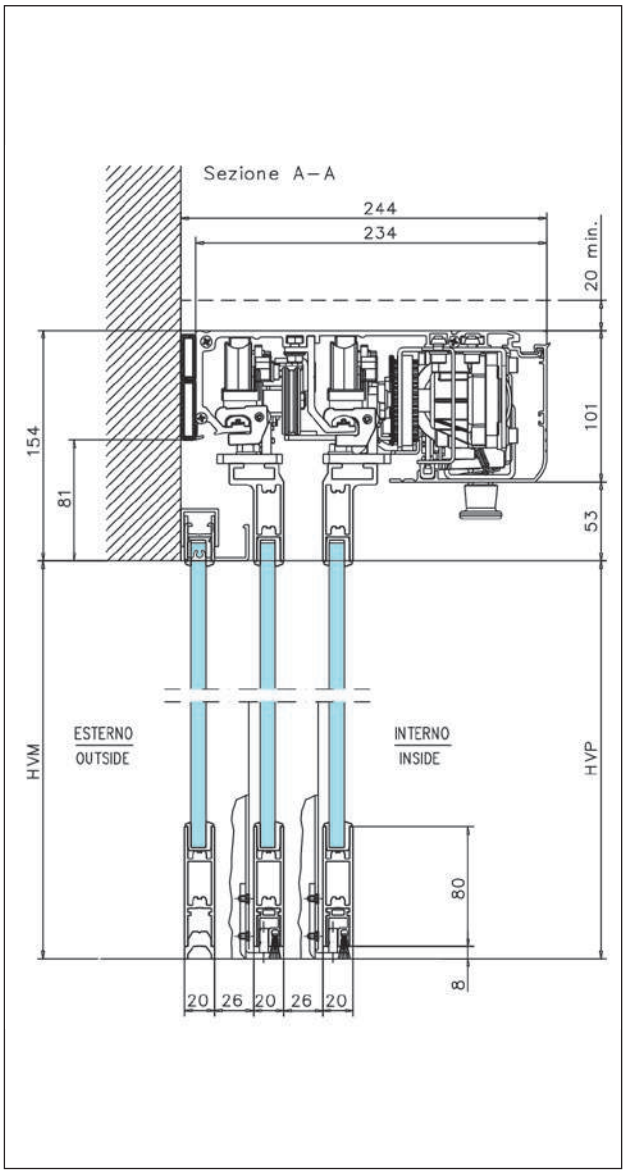
2 TELESCOPIC SLIDING LEAVES WITH FIXED SIDE LEAF



LVM = Wall recess width min 1750 / max 4600 (*) **LVM = 3 LVP / 2+33.5 + X**
LVP = Passage width min 1100 / max 3000 mm. (*) **LVP = 2 (LVM - 33.5 - X) / 3**
X = safety distance min 60 mm
LC = cover length
(*) for LVM>4600 mm , please contact FAAC.

TK20

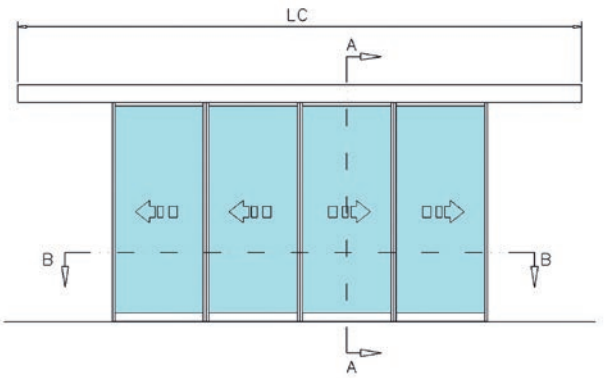
FAAC A1400 AIR T2

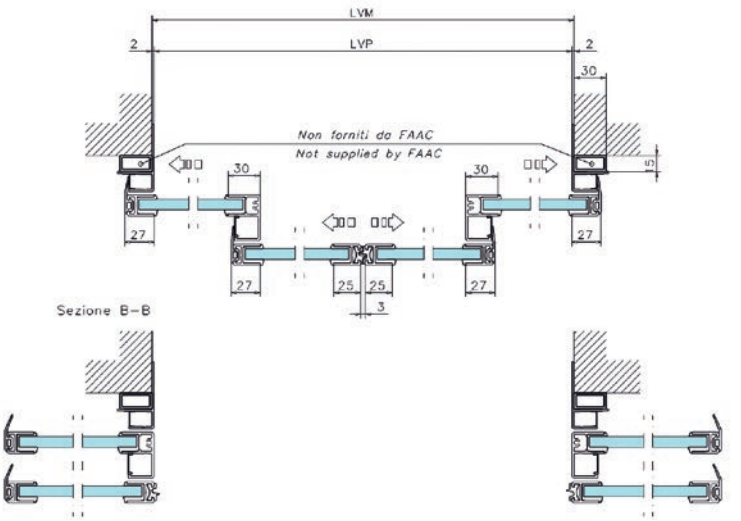


HVM = wall recess height max. 2500 mm (*)
HVP = passage height **HVP = HVM**
(*) for HVM>2500 mm, please contact FAAC.

TK20

4 TELESCOPIC SLIDING LEAVES

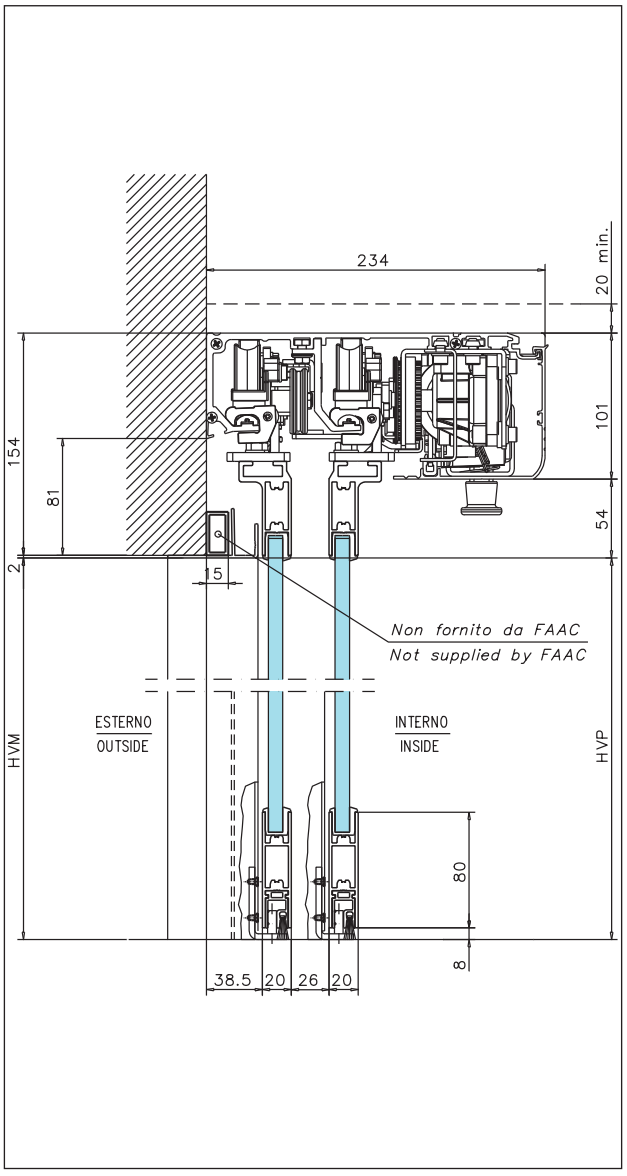




LVM = Wall recess width min 1400 / max 3600 (*) **LVM = LVP + 4**
LVP = free passage width **LVP = LVM - 4**
LC = cover length
(*) for LVM>3600 mm, please contact FAAC.

TK20

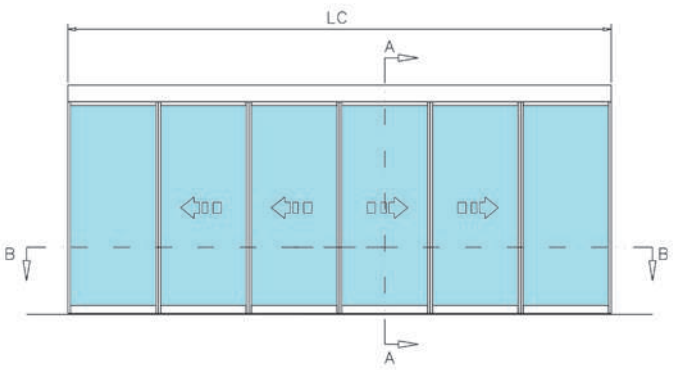
FAAC A1400 AIR T4

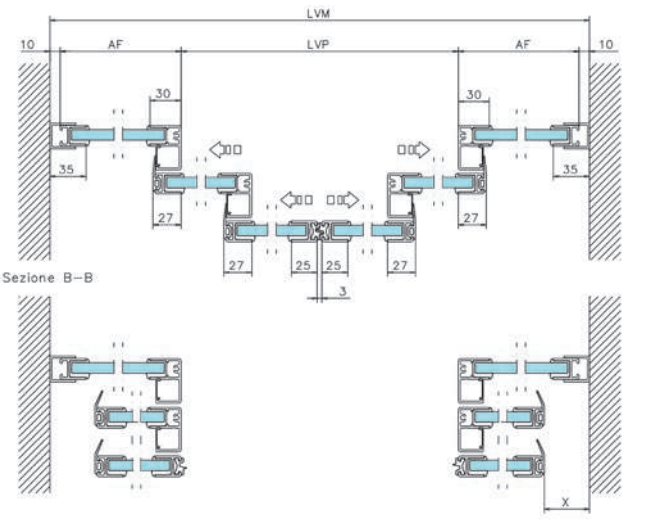


HVM = wall recess height max. 2500 mm (*)
HVP = passage height **HVP = HVM - 2**
(*) for HVM>2500 mm, please contact FAAC.

TK20

4 TELESCOPIC SLIDING LEAVES WITH 2 FIXED SIDE LEAVES

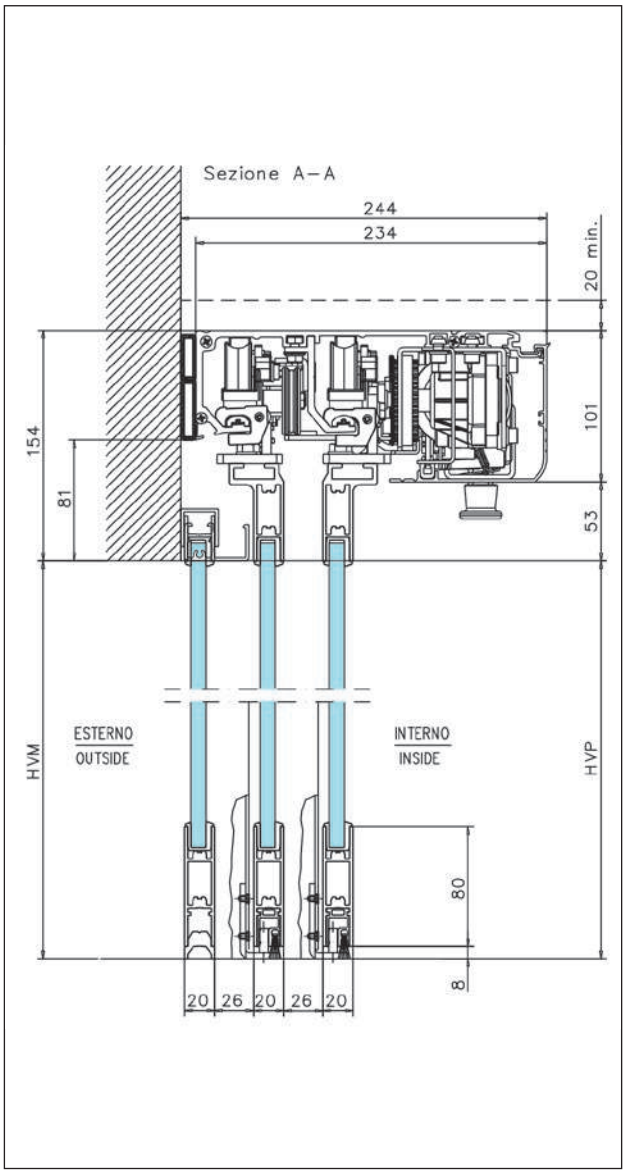




LVM = Wall recess width min. 2200 / max. 5600 (*)**LVM = 3 LVP / 2 + 52.5 + 2X**
LVP = Passage width min 1400 / max 3600 mm (*) **LVP = 2 (LVM - 52.5 - 2X) / 3**
X = safety distance min 60 mm
LC = cover length
(*) for LVM>5600 mm, please contact FAAC.

TK20

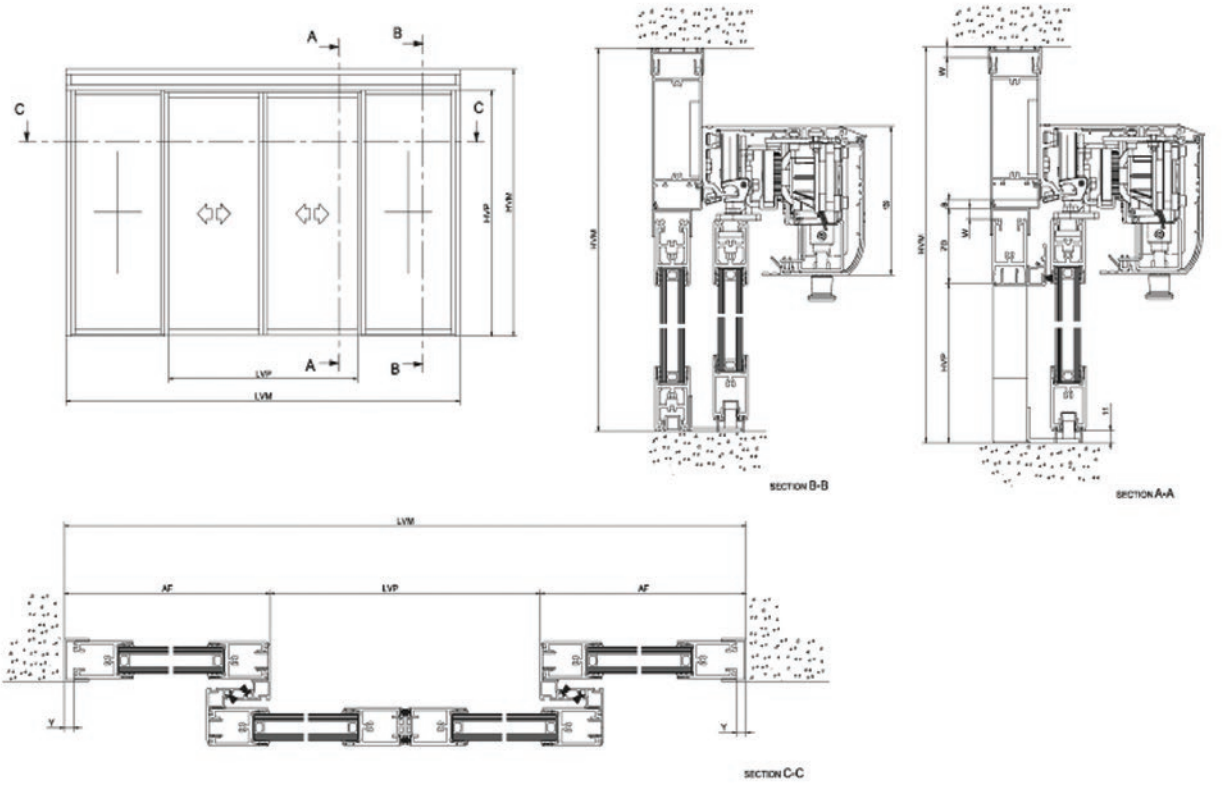
FAAC A1400 AIR T4



HVM = wall recess heightmax. 2500 mm (*)
HVP = passage height **HVP = HVM**
(*) for HVM>2500 mm, please contact FAAC.

TK35

2 SLIDING LEAVES



LVM= LARGHEZZA VANO MURO / WALL WIDTH
LVM=LVP+62X2+2Y

HVM=ALTEZZA VANO MURO / WALL HEIGHT
HVM=HVP+2W+203

LVP=LARGHEZZA VANO PASSAGGIO
FREE PASSAGE WIDTH
LVP=LVM-2XY/2-62

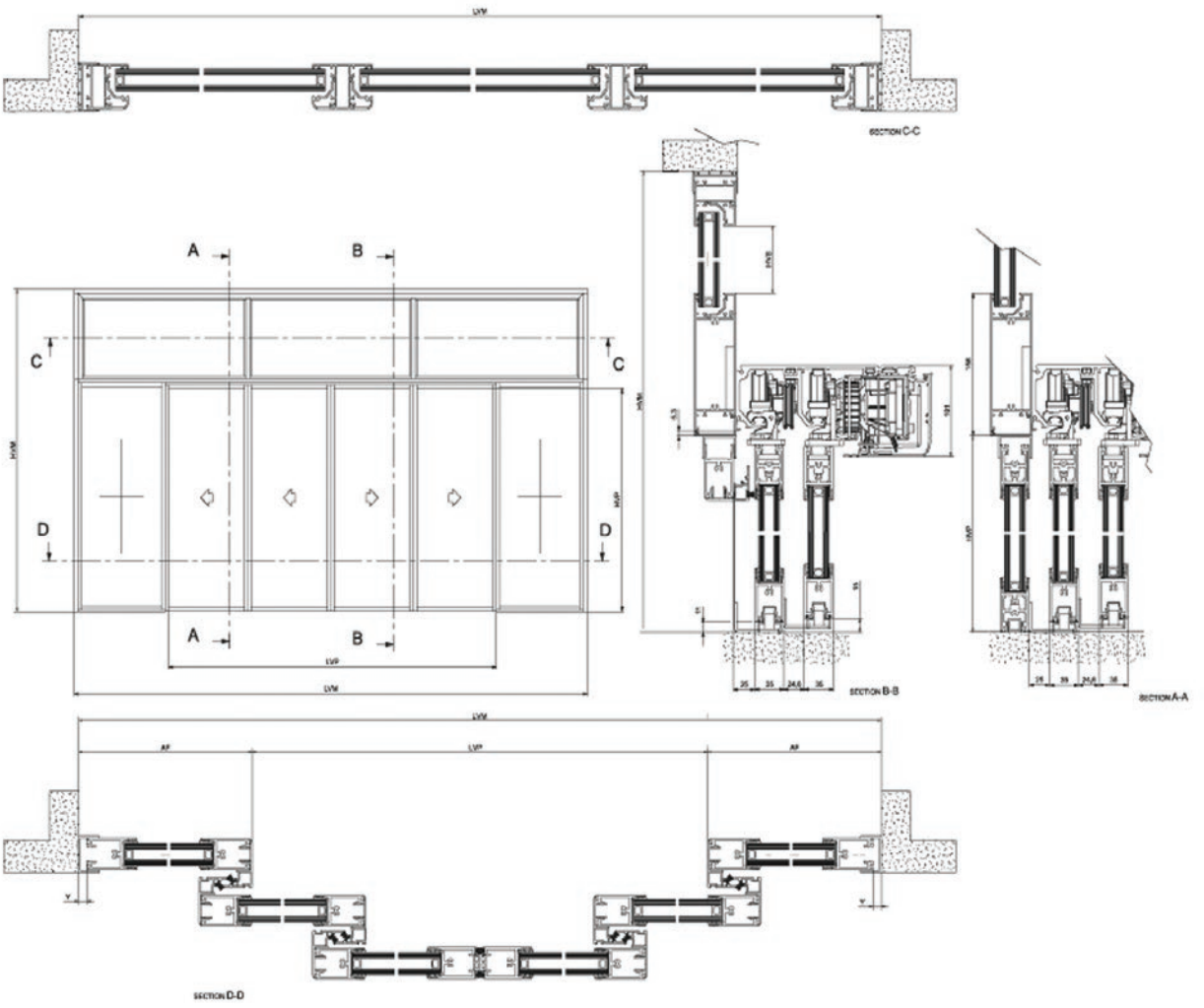
HVP=ALTEZZA VANO PASSAGGIO
FREE PASSAGE HEIGHT
HVP=HVM-2W-203

X= min. 25 mm.

*PER I PESI E LE DIMENSIONI MAX. DELLE ANTE FARE RIFERIMENTO ALLE SPECIFICHE TECNICHE RIPORTATE NEI CATALOGHI.
*IN ORDER TO GET MAX DOOR WEIGHT AND DIMENSIONS, PLEASE REFER TO THE SPECIFICATIONS REPORTED IN THE CATALOGUE.

TK35

2 SLIDING LEAVES WITH TRANSOM



LVM= LARGHEZZA VANO MURO / WALL WIDTH
LVM=LVP+2

HVM=ALTEZZA VANO MURO / WALL HEIGHT
HVM=HVP+2

LVP=LARGHEZZA VANO PASSAGGIO
FREE PASSAGE WIDTH
LVP=LVM-2

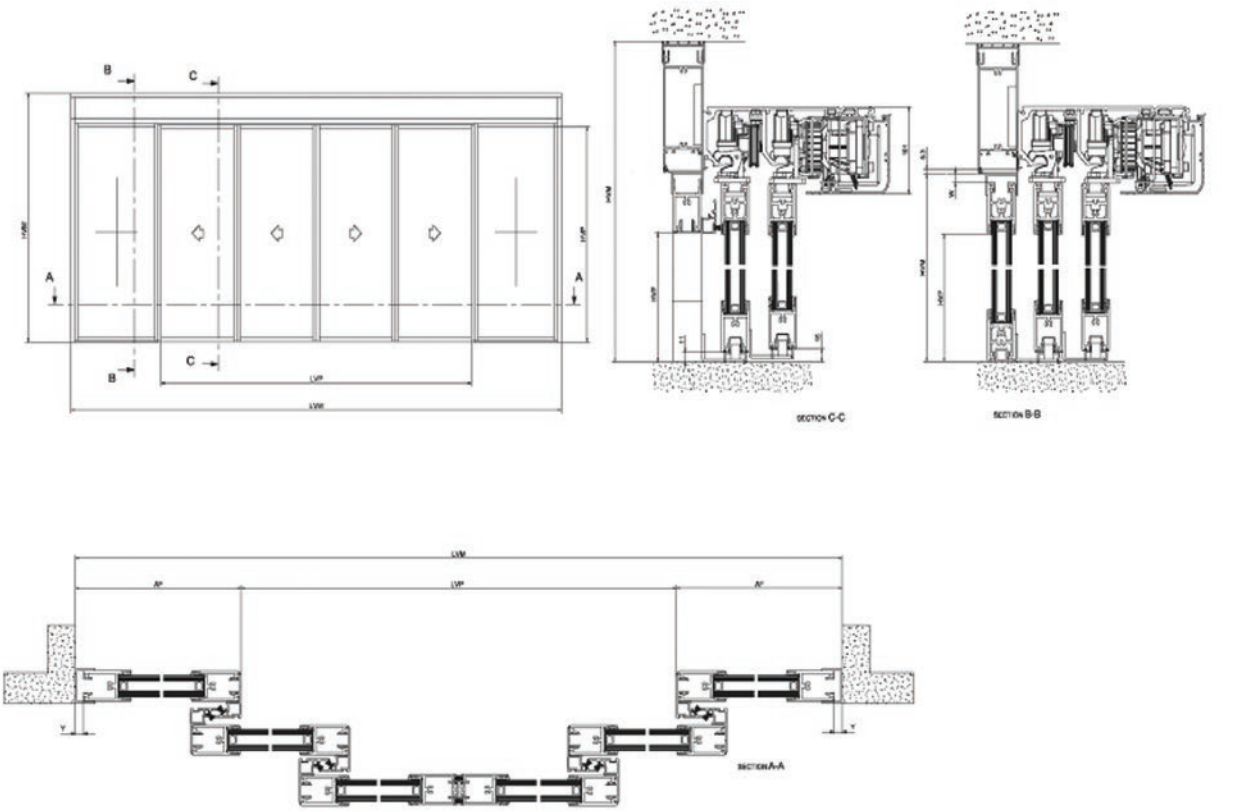
HVP=ALTEZZA VANO PASSAGGIO
FREE PASSAGE HEIGHT
HVP=HVM-16

X=DISTANZA DI SICUREZZA min. 25 mm.

*PER I PESI E LE DIMENSIONI MAX. DELLE ANTE FARE RIFERIMENTO ALLE SPECIFICHE TECNICHE RIPORTATE NEI CATALOGHI.
*IN ORDER TO GET MAX DOOR WEIGHT AND DIMENSIONS, PLEASE REFER TO THE SPECIFICATIONS REPORTED IN THE CATALOGUE.

TK35

4 TELESCOPIC SLIDING LEAVES



LVM= LARGHEZZA VANO MURO / WALL WIDTH
LVM=LVP+2

HVM=ALTEZZA VANO MURO / WALL HEIGHT

LVP=LARGHEZZA VANO PASSAGGIO
FREE PASSAGE WIDTH
LVP=LVM-2

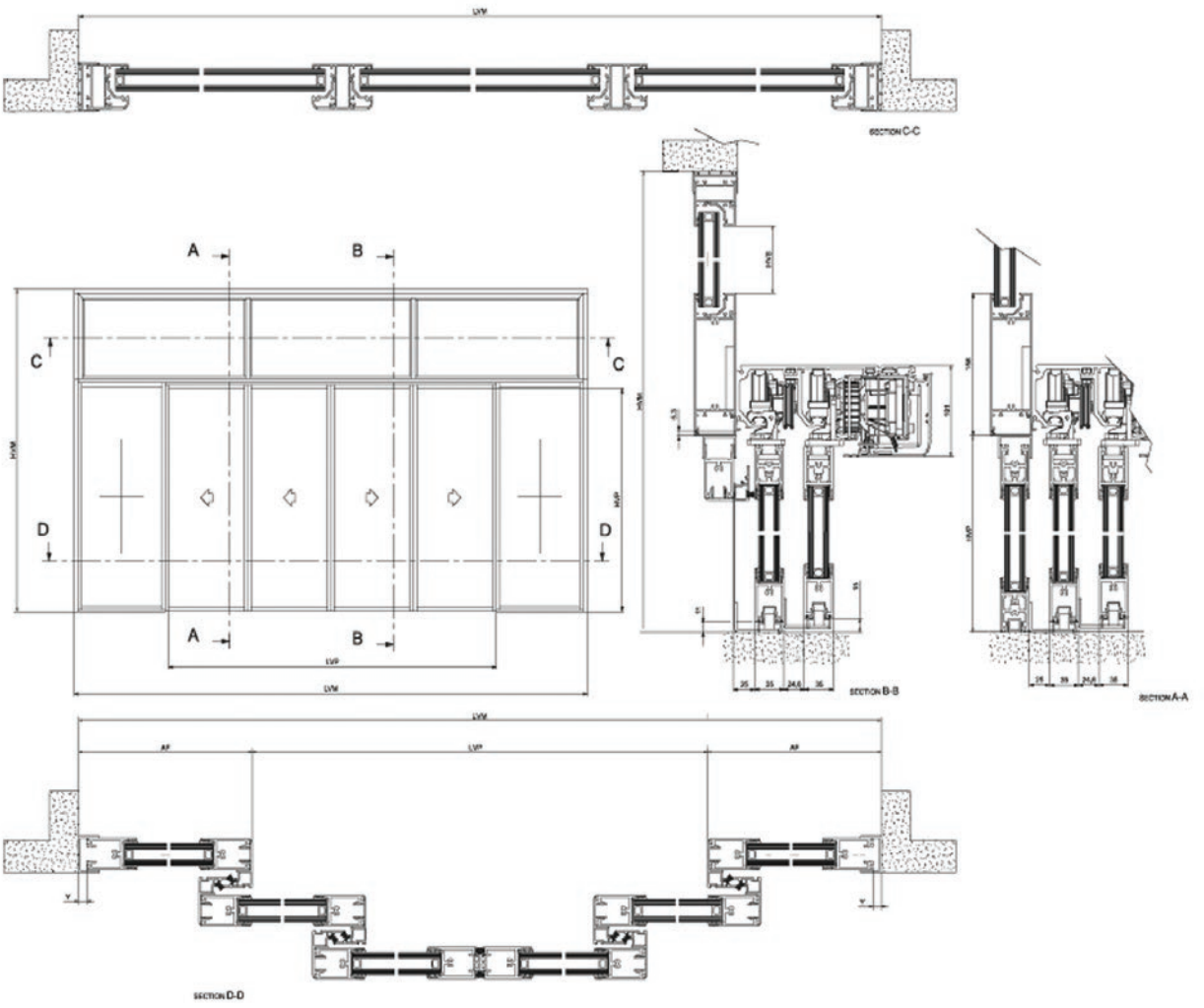
HVP=ALTEZZA VANO PASSAGGIO
FREE PASSAGE HEIGHT
HVP=HVM-18

X=DISTANZA DI SICUREZZA

*PER I PESI E LE DIMENSIONI MAX. DELLE ANTE FARE RIFERIMENTO ALLE SPECIFICHE TECNICHE RIPORTATE NEI CATALOGHI.
*IN ORDER TO GET MAX DOOR WEIGHT AND DIMENSIONS, PLEASE REFER TO THE SPECIFICATIONS REPORTED IN THE CATALOGUE.

TK35

4 TELESCOPIC SLIDING LEAVES WITH TRANSOM



LVM= LARGHEZZA VANO MURO / WALL WIDTH
LVM=LVP+2

HVM=ALTEZZA VANO MURO / WALL HEIGHT
HVM=HVP+2

LVP=LARGHEZZA VANO PASSAGGIO
FREE PASSAGE WIDTH
LVP=LVM-2

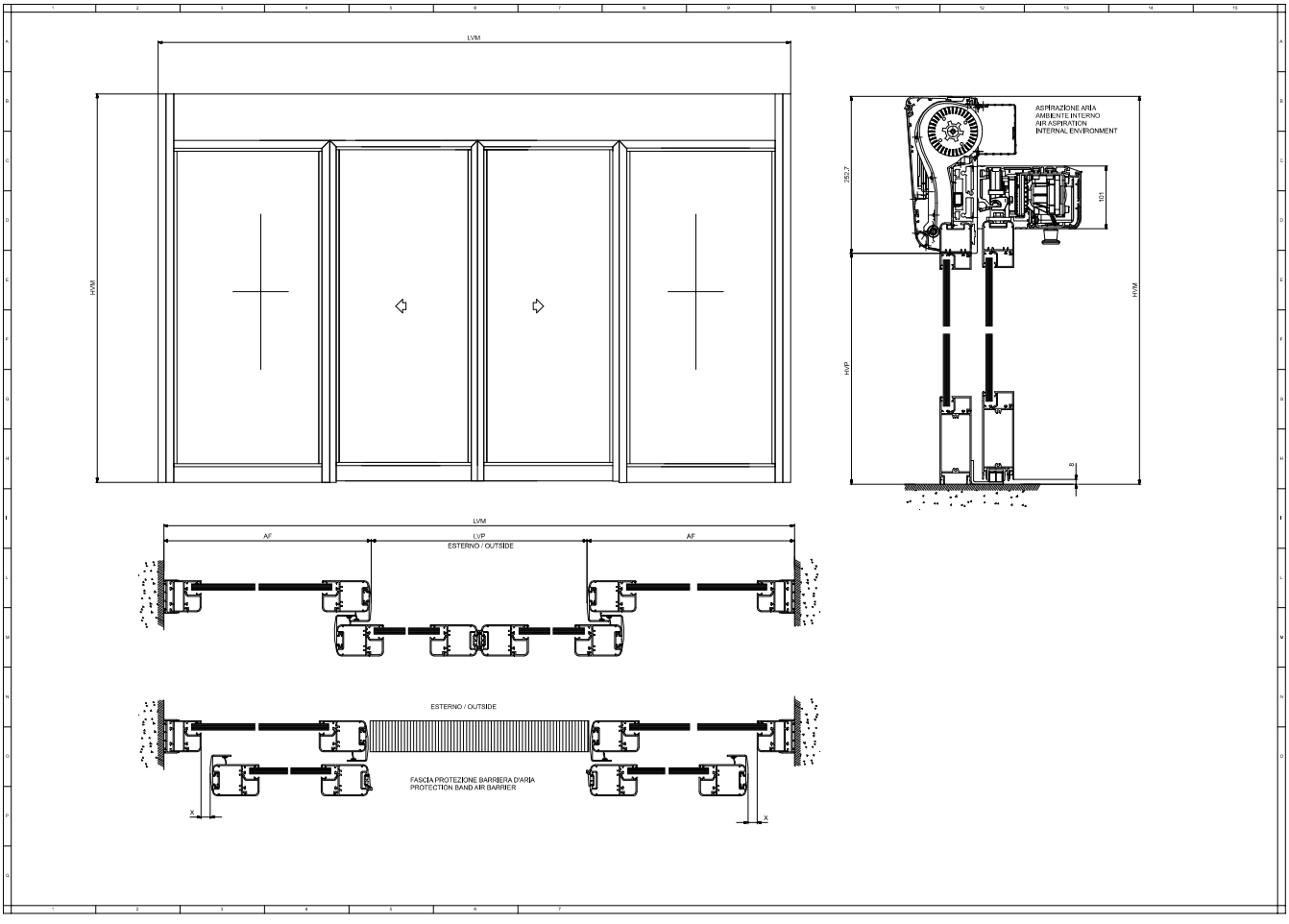
HVP=ALTEZZA VANO PASSAGGIO
FREE PASSAGE HEIGHT
HVP=HVM-16

X=DISTANZA DI SICUREZZA min. 25 mm.

*PER I PESI E LE DIMENSIONI MAX. DELLE ANTE FARE RIFERIMENTO ALLE SPECIFICHE TECNICHE RIPORTATE NEI CATALOGHI.
*IN ORDER TO GET MAX DOOR WEIGHT AND DIMENSIONS, PLEASE REFER TO THE SPECIFICATIONS REPORTED IN THE CATALOGUE.

AIRSLIDE

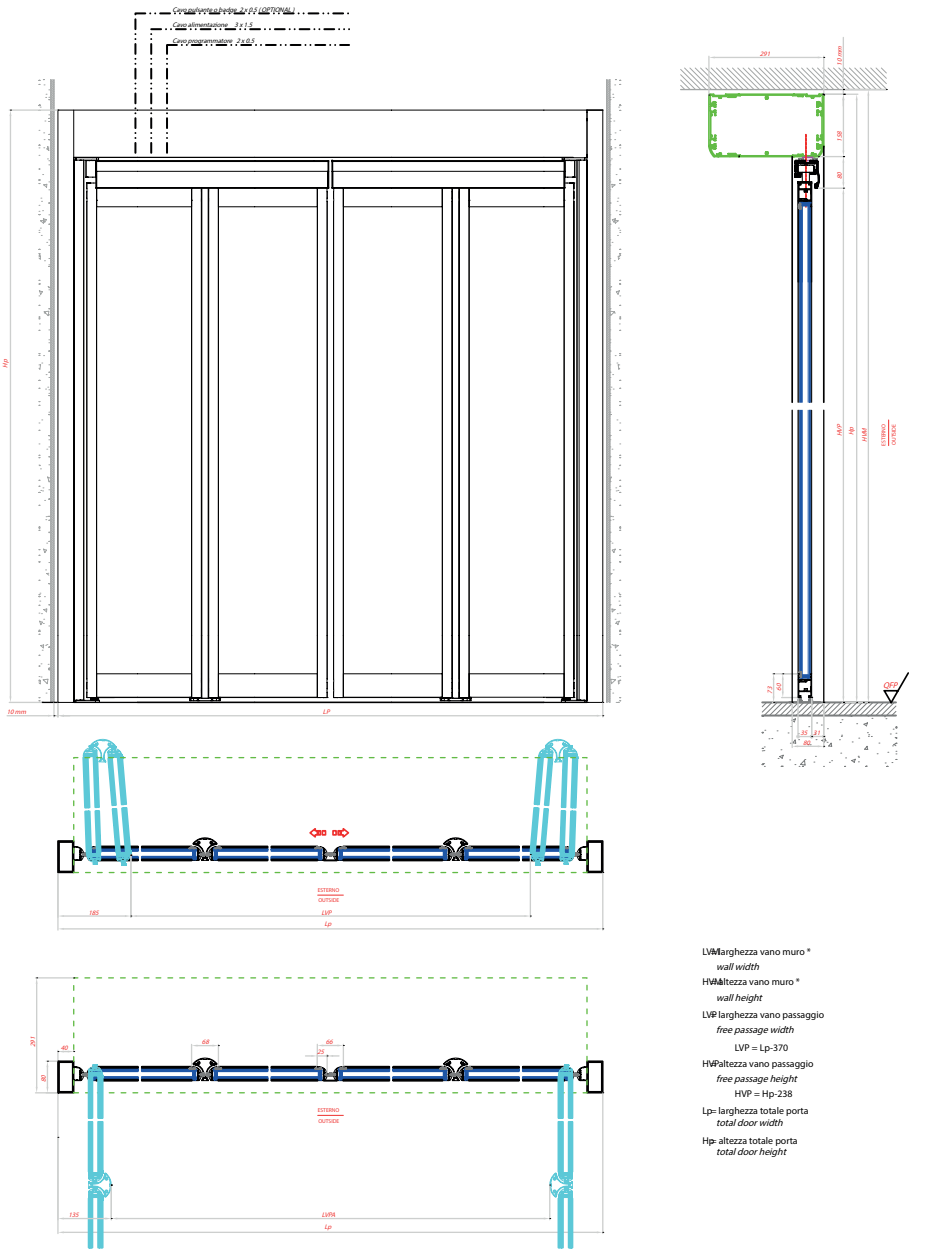
AIR SHIELD AND A1400 AIR



Note: dimensions in mm

SF1400

SF1400 INSTALLATION EXAMPLES



LVM larghezza vano muro *
wall width

HVM altezza vano muro *
wall height

LVP larghezza vano passaggio
free passage width
LVP = Lp-370

HVP altezza vano passaggio
free passage height
HVP = Hp-238

Lp= larghezza totale porta
total door width

Hp= altezza totale porta
total door height

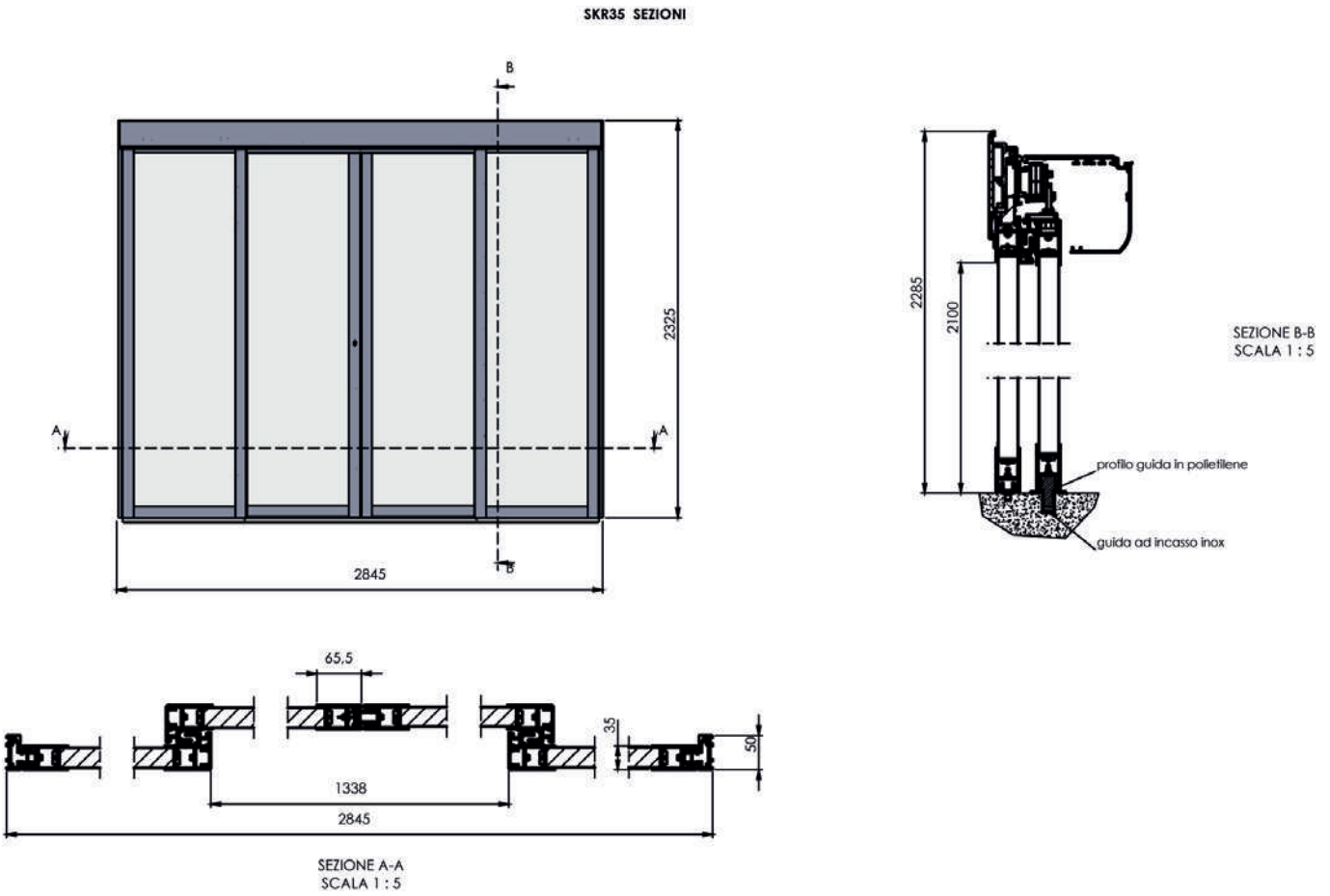
PROFILI : ESTRUSI IN LEGA DI ALLUMINO UNI 9006-01ALMG0,5 (6060)
TOLLERANZE: DIMENSIONI E SPESSORI UNI 3879
VETRI : STRATIFICATI EN 12600

	OGGETTO :	DIS. N° :	
	Porta a so etto SF140	C	
		B	
		A	
		REV.	DATA

Note: dimensions in mm

SKR35

EXAMPLE OF INSTALLATION WITH SKR35



Note: dimensions in mm

WARRANTY CONDITIONS

GENERAL CONDITIONS OF SALE

1. OBJECT AND SCOPE

1.1. These "General Terms and Conditions of Sale" (hereinafter, the **"Conditions"**) apply to any and all sale or supply agreements (hereinafter, jointly defined, the **"Contracts"** and, individually, the **"Contract"**) executed between FAAC S.p.A. soc. Unipersonale, (hereinafter, **"FAAC"**), as vendor, and the direct client of FAAC, as purchaser (hereinafter, jointly defined, the **"Clients"** and, individually, the **"Client"**), which concerns the products manufactured and/or sold by FAAC, including but not limited automations for barriers, doors, gates, tubular, traffic bollards, access control software and their accessories (hereinafter, jointly defined, the **"Products"** and, individually, the **"Product"**). These General Conditions, therefore, apply only towards the Clients and don't extend to third parties.

1.2. The final user (hereinafter, the **"Final User"**) to whom the Products are sold and/or installed must exclusively contact its own retailer for any warranty. It's expressly understood that, if the Final User is a "consumer", the warranty will be regulated by European laws for the consumer protection.

1.3. Except as provided in these Conditions, the right of recourse of the seller/retailer and/or the Client to FAAC is expressly excluded.

1.4. If the Client or the retailer also performs the installation of the Products, he must guarantee the correct installation, the connected activities (i.e. building works and electrical works) and the compliance with the local laws (if any) on safety, releasing all the necessary documentation.

2. PREVALENCE

2.1. In the event of any discrepancies between the provisions of this Conditions and those provided for in the Contract, the provisions of the Contract shall prevail, if agreed in writing.

2.2. In no case shall any general conditions of contract of the Client will be binding on FAAC, even if mentioned or included in orders or in any other documents transmitted by the Client to FAAC. No conduct of FAAC shall be interpreted or used to express tacit acceptance of FAAC to the general condition of contract of the Client. Therefore, all Contracts, offers, acceptance of orders and all deliveries by FAAC shall be deemed to have been made pursuant to the following General Conditions, except as otherwise expressly provided in writing by FAAC.

3. EXECUTION OF THE CONTRACT, TOLERANCES

3.1. Except as expressly indicated in point 3.3 below, the Contracts between FAAC and the Client may be concluded as follows:

(A) by signing a written agreement drafted in a sole document, being understood that, in this case, the Contract is deemed concluded when the last signature has been affixed;

(B) by the exchange of document (by @mail or, in general, any electronic/informatics tools), as follows: (i) the Client sends a purchase order (hereinafter, the "**Purchase Order**") to FAAC containing indication of the Products, the quantity requested, the delivery terms, information regarding their use, and all the technical data necessary to identify the specifications of the Products (ii) FAAC sends to the Client its written acceptance (hereinafter, "**Order Confirmation**"), being understood that FAAC shall, at its sole discretion, be entitled to accept or refuse the purchase orders of the Client. In this case, the Contract will be considered executed once the Client receive the Order Confirmation; or

(C) by the exchange of the documents as follows: (i) FAAC sends to the Client an offer, having legal value as a proposal, in which it specifies as, but not limited to, the exact identification of the Products, the quantity, prices, and terms of delivery and payment (hereinafter, the "**Offer**"), and (ii) the Client signs the Offer in acceptance and returns it to FAAC, this last document having a legal acceptance value (hereinafter, the "**Acceptance**"). In this case, the Contract is concluded at the conditions set forth in the Offer upon receipt by FAAC of the written Acceptance. It is expressly understood that Acceptance by the Client must reach FAAC within the period of validity of the Offer indicated therein or the Offer loses all validity.

3.2. The Contract cannot be cancelled by the Client, except with the written consent of FAAC and reimbursement by the Client of any loss, cost, or damage suffered by FAAC because of the cancellation by the Client.

3.3. It is expressly understood that the execution of the Contract by FAAC is conditioned to the obligation of the Client to pay any previous invoices issued by FAAC and not paid by the Client in terms.

4. SELLING PRICE OF THE PRODUCTS

4.1. Unless otherwise agreed in writing by FAAC and the Client, the prices applicable to each sale/supply of Products are indicated in FAAC's price list in force as of the date of conclusion of the Contract (hereinafter "**Selling Price**"), and the Selling Price is expressed in EURO.

4.2. The Selling Price, as well as any discounts applied by FAAC, shall be intended net of VAT and are subject to changes during the validity of FAAC's price list.

4.3. The Selling Price is intended "FCA" (in accordance to the most recent edition of the ICC'S Incoterms) – at FAAC's place of business in Zola Predosa (Bologna – Italy) or at other FAAC's storages – VAT and shipping cost excluded.

5. PAYMENT

5.1. Except as otherwise agreed in writing, payment for all Products shall be effected by means of:

(A) An irrevocable letter of credit ("**L/C**"), confirmed by a primary International bank, which has an official branch in the Client's country, in compliance with publication 500 of the International Chamber of Commerce as updated from time to time, and valid for at least 30 days from the anticipated date of final delivery; or in alternative,

(B) a bank wire transfer in accordance to the payment terms as agreed in writing by FAAC and the Client.

5.2. Delivery of the Products is conditional upon the issuing of the above L/C's or the payment of the price by any other means, which may have otherwise been authorised in writing by FAAC. Regardless of the means of payment agreed upon, it is understood that payments shall be deemed to have been effected at FAAC's place of business.

5.3. Under no circumstance shall the Client be entitled to suspend and/or delay payment of the Products or raise any claim in relation thereto until full payment has been made. In the event of any payment, FAAC shall be entitled to exercise its right provided under the laws in force where the Client is established in relation to late payment in commercial transaction, without prejudice to its right to seek any further damages. In any event, FAAC may, (i) terminate the Contract in relation to the Products not yet delivered and/or (ii) delay the carrying out of any order in hand, inter alia, by suspending delivery of the Products until such time as all outstanding debts owed by the Client to FAAC have been paid.

6. OTHER EXPENSES AND DUTIES

6.1. Unless otherwise agreed between FAAC and the Client, the price applied to any sale of Products are for delivery "FCA" (in accordance to the most recent edition of the ICC's Incoterms) at FAAC's place of business in Zola Predosa (Bologna – Italy) or at other FAAC's storages, therefore FAAC shall not enter into any shipment or transportation agreement and shall not insure the Products, unless the Client should so expressly instruct FAAC in writing, being understood in any event that any and all risk and expenses in relation thereto shall be borne exclusively by the Client.

6.2. The Client agrees promptly to collect the Products upon receiving notice that the Products are ready and at its disposal and, in any event, within 8 (eight) days of the date of said notice.

6.3. Any and all taxes, duties, levies, licenses, authorisation, permits and any and all tax and administrative formalities relating to the importation and/or resale of the Products shall be borne and carried out exclusively by the Client or, alternatively, they may be carried out by FAAC at the Client's sole risk, expense and responsibility.

6.4. Standard packing of the Products suitable for air, land and sea transportation in container will be provided by FAAC free of charge. If the Client requires any special packing, the full cost of said special packing shall be invoiced by FAAC to the Client.

7. DELIVERY

7.1. All the delivery dates given by FAAC shall be deemed as indicative, not binding and are expressed in working days. In any event of late delivery, the Client shall not be entitled to cancel the Contract or to any compensation for damages of whatever nature.

7.2. Unless otherwise agreed between FAAC and the Client, the Products shall be delivered "FCA" (in accordance to the most recent edition of the ICC's Incoterms) at FAAC's place of business in Zola Predosa (Bologna – Italy) or at other FAAC's storages and, therefore, the Products are delivered (that is, the risks and costs pass from FAAC to the Client) when they are loaded on the carrier's means of transport made available by the Client.

7.3. The Products thus delivered to Client must not be returned by the latter to FAAC for any reason, unless authorized in writing by FAAC which will indicate also the terms and conditions of such authorized return (hereinafter, "**Commercial Return**").

7.4. In case of missing or excess Products, the Customer must inform the relevant customer service of FAAC by @mail within 15 (fifteen) days following the receiving date of the Product.

8. QUALITY STANDARDS

8.1. FAAC does not represent or guarantee the Client that the Products comply with the applicable laws and regulations in force in the country where the Client is established or where the Products are to be sold and/or delivered and/or installed. FAAC shall have no obligation to modify the Product in compliance with said laws or regulations and the Client shall be solely responsible for ensuring that the Product and any services of the Client conform to the applicable technical and safety standards, laws, and regulations in force in that country.

8.2. The Client, moreover, acknowledges that the Products may be dangerous to persons or property when not installed or not used in strict compliance with the instructions for installation and use supplied by FAAC and with the safety requirements specified in the technical standards. FAAC expressly disclaims liability for any personal injury or property damage resulting from installation or use of the Products, other than in strict compliance with FAAC's written instructions with respect to installation and use, or from installation or use of the Products together with safety accessories or other Products not manufactured by FAAC, being understood that the maximum liability of FAAC to the Client arising out of or in connection with the Product and based on a claim of breach or under the warranty, shall in no case exceed the price paid to FAAC for the Product which gives rise to the claim and, therefore, in no event FAAC shall not be liable also for special and consequential damages including, without limitation, loss of profits and indirect damages.

9. WARRANTY

9.1. FAAC warrants and guarantees to the Client that all new Products shall be free from manufacturing defects, under normal use and service, for a period of (i) 30 (thirty) months from the manufacturing date (as shown on the tag plate of each Product) for all Products other than Tubular Motor (the "**Warranty Period for Products other than Tubular Motor**"); and (ii) 5 (five) years from the manufacturing date (as shown on the tag plate of each Product) for all Products included in the tubular motor range (the **"Warranty Period Tubular Motor**").

9.2. The Client acknowledges and agrees that FAAC's warranty is expressly limited to manu-facturing defects and that said warranty shall not extend to any damage to the Products resulting from other causes, including, without limitation, misuse, transportation, or faulty installation thereof. The maximum liability of FAAC to the Client, arising out of or in connection with the Products in question and based on a claim of breach or repudiation of warranty, shall in no case exceed the price paid to FAAC for the Product(s) in question and, in addition, FAAC shall not be liable also for special and consequential damages of the Client including, without limitation, loss of profits and indirect damages. Should FAAC be in breach of its representation and warranty under this article 9, FAAC's entire liability and the Client's exclusive remedy shall be the repair or replacement of the defective part Product free of charge at FAAC's own workshop unless otherwise agreed in writing between FAAC and the Client. With the prior written authorization of FAAC, the Client shall send the part to be repaired or replaced, free of charge, and FAAC shall examine said part to determine whether it is defective and whether the manufacturer is responsible for the defect; in which case only FAAC shall repair or replace the part, in its sole discretion, and shall send the repaired or replacement part to the Client who shall bear the cost of transportation and installation only. Any Products which may have been returned without FAAC's prior written authorisation shall not entitle the Client to any credit notes or reimbursement. In any event, any and or risk and expenses relating to the return of the Products shall be born exclusively by the Client. Any claims relating to the defects of the Product in question, together with all the necessary photographic evidences of the claimed defect, must be sent to FAAC by registered letter or by @mail or, in general, any electronic/informatics tools within (i) 8 (eight) days following the receiving date of the Product in the case of evident defects and/or (ii) 8 (eight) days following the date of discovery in the case of latent defects and in any event, within the Warranty Period for Products other than Tubular Motor and/or the Warranty Period Tubular Motor, failing which the Client shall lose all right to bring any claim in relations thereto. Any and all further or other warranties, are they expressed or implied, including without limitation any warranties provided by law, shall be deemed excluded and superseded by these conditions. FAAC further disclaims all expressed, statutory, or implied warranties applicable to Products and accessories which are not manufactured by it.

9.3. Unless otherwise agreed between FAAC and the Client, (i) the Product, repaired or replaced, will be sent to the Client in full charge of the Client (FCA); (ii) warranty intervention does not extend the original warranty period of the Product and does not initiate a new warranty period for the repaired or replaced part; (iii) the repaired or replaced part will be owned by FAAC; (iv) the Customer will lose the warranty if he does not pay the invoices.

9.4. Warranty excludes the damages connected to: (i) transport; (ii) faults and/or negligence and/or inadequacy of the installation and of the use of the electrical system; (iii) tampering by unauthorized personnel or the use of components and / or nonoriginal spare parts; (iv) defects caused by chemical agents or atmospheric and / or natural phenomena in general; (v) the installation of the Products not according to the rules of the art, safety and compliance of use expressly indicated in the technical documentation of the same Products. Furthermore, warranty not include (vi) the consumables; (vii) interventions for verification of any faults not found; (viii) compensation for the period of inactivity of the plant where the Products are installed.

10. TITLE

10.1. Title to the Products shall pass to the Client only upon payment in full of the sale price of the Products. In the event of default by the Client, FAAC shall be entitled, without any formalities, including notice of default, to repossess all of the Products with respect to which title has not yet passed to the Client, wherever said Products may be; in addition, FAAC reserve the right to seek any other judicial remedies available to it in respect of the damages suffered.

11. PRIVACY

11.1. Under the clause 13 of the del Regulation (UE) 2016/679, FAAC, as data controller (hereinafter, the "Data Controller"), inform the Client that all the data disclosed by the Client in the performance of the Contract which is personal shall be processed according to such Regulation 2016/679 and, therefore, declare as follows: (a) the processing of data will be carried out, in compliance with such Regulations, by means of paper, computer or telematics means capable of storing, managing, transmitting the data itself, however by means of suitable means to guarantee their security and confidentiality; (b) the objective of the processing will be related and instrumental to the conclusion, management and execution of the General Conditions and the Contracts and for any administrative and accounting purposes connected with them (for example, but not limited to, handling of orders and invoices, drafting contracts including credit insurance; assignment of claim agreement; transportation and/or shipment agreement; etc.); for marketing purposes related to similar products to those already acquired, because it is a lawful interest of FAAC (under clause 6, Regulation 2016/679); for purposes related to the enforcement of legal obligations, regulations, Italian and UE regulations, as well as to order of competent Authority; (c) the transfer of the data is mandatory for all that is required by legal and contractual obligations and therefore any refusal by the Client to communicate the data or to enable it to be processed subsequently may cause the impossibility for FAAC to give rise to the obligations of the Contract; the transfer is discretionary for marketing activities; (d) the data will not be disclosed, but can be communicated exclusively for the above purposes, to the appropriate authorized persons for which will be necessary to make such communication for the purposes set out in the above letter (b), such as the other companies in the group to which FAAC belongs; (e) the Client has the right to access to its personal data, emend, cancel, limit the processing, to oppose, in addition to the right to portability, by submitting formal requests directly to the Data Controller; the Client has also the right to make a claim to the supervisory Authorities; (f) the data will be stored for commercial and marketing purposes for all the duration of the commercial relationship between FAAC and the client; after for the sole law's purpose; (g) the Data Controller is FAAC, Via Calari n. 10, Zola Predosa, Bologna – Italy.

12. FORCE MAJEURE

12.1. FAAC shall not be liable or reasonable to the Client for any failure or delay in performing of fulfilling any obligations undertaken in reference to the supply of the Product when such failure or delay is caused by occurrences beyond FAAC's reasonable control, or in any case caused by an event of force majeure, including, but not limited to, late delivery or nondelivery of materials by suppliers, strikes and other trade union actions, terrorist activities, suspension of electrical energy or difficulties in transportation. In the event of such events, the activities which cannot be performed shall be automatically postponed, without any penalty for FAAC, for a period equal to the situation of force majeure.

13. APPLICABLE LAW AND DISPUTE RESOLUTIONS

13.1. Unless provided at art. 13.2 below, any dispute that may arise in relation to the interpretation, performance, execution, validity and/or dissolution of the Contracts and/or connected to the Contracts, will be exclusively governed to the Italian laws - with the express exclusion of the 1980 Vienna Convention - and, the Court of Milan will have exclusive jurisdiction.

13.2. Any dispute related to and/or connected to breach of the obligations set forth in the art. 5 of this Condition will be exclusively governed to the Client's national laws - with the express exclusion of the 1980 Vienna Convention - and the competent Court will be the court where the Client is established.

14. OTHER

14.1. The invalidity or unenforceability of any provision, or portion thereof, of this Conditions shall not affect the validity or enforceability of any other provision.

14.2. Any failure by FAAC to enforce any of its rights under this General Conditions shall not be construed as a waiver of said rights.

14.3. This General Conditions supersede any prior agreement, whether written or oral, between FAAC and the Client, with respect to the subject matter.

14.4. Any amendment to this General Conditions shall be effective only if made in writing and duly signed by the FAAC and the Client.

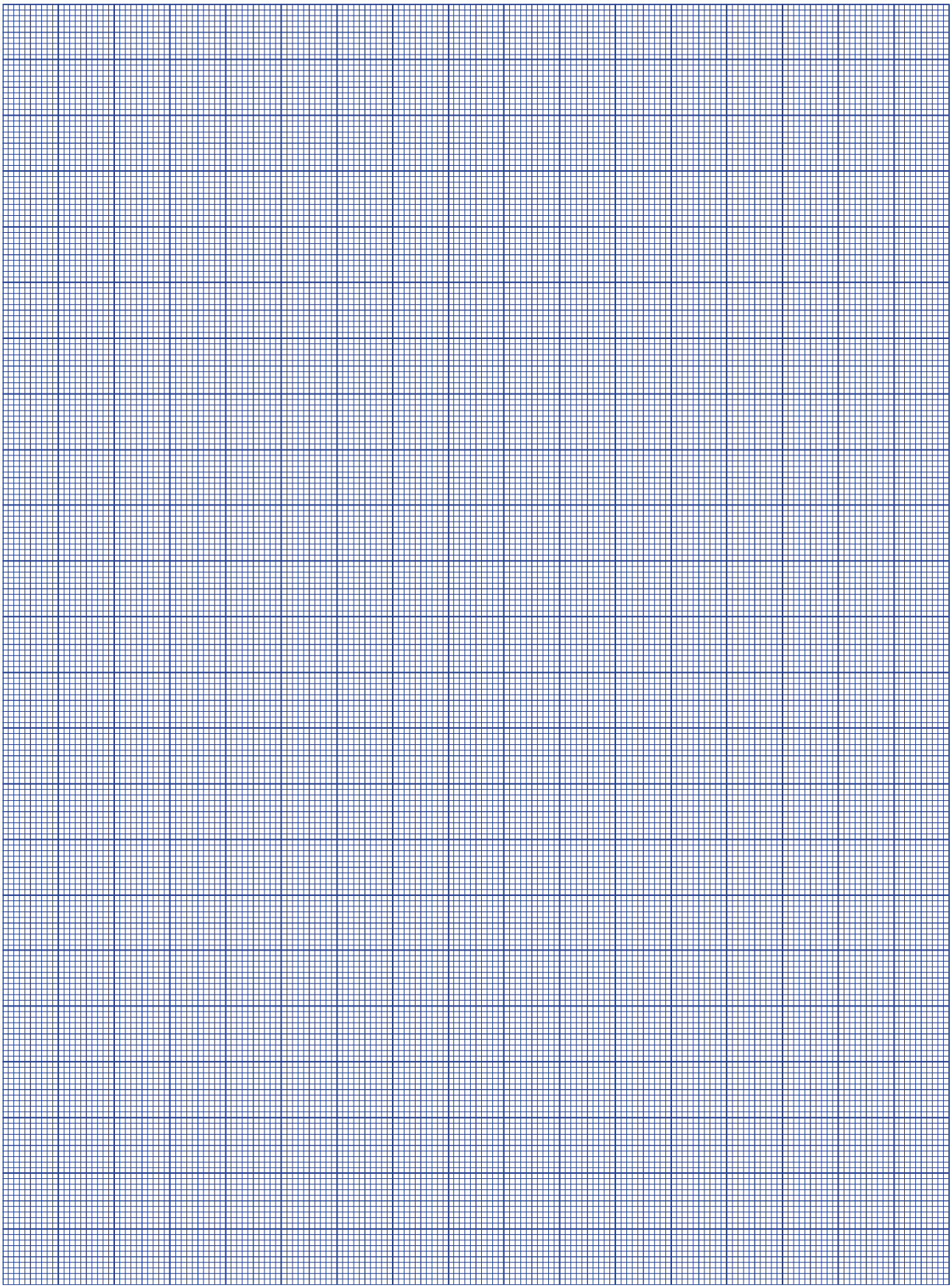
14.5. Any software contained in the Products is the property of FAAC and is licensed free of charge and under non-exclusive basis, unless otherwise agreed in writing between the parties.

14.6. The Client is aware that the Products are covered by patents and are the subject of know-how and design constituting the exclusive industrial property of FAAC. It is expressly forbidden for the Client to violate these rights of FAAC and in any case to remove, suppress and/or alter the trademarks and other distinctive signs or initials of any kind affixed to the Products, as well as to add new ones of any kind and/or nature. Unless authorized in writing by FAAC, any form of reproduction and/or use of the FAAC trademark and/or any other distinctive sign present on the Products is prohibited.

14.7. FAAC has implemented a Code of Ethics which is available on web site of FAAC www.faac.it or www.faacgroup.com and which the Client accepts to respect in each party.

14.8. According to the laws in force and, in particular, to the Regulation (EU) 2018/1912, the Client is obliged to return to FAAC the carriage of goods document called International Consignment Note (hereinafter, the "CMR") duly signed, within 10 days from the delivery of the Products and by email to the following address: orders.it@faacgroup.com. The CMR will be delivered to the Client by the courier. In case the Client fails to return the CMR to FAAC duly signed, in conformity to the terms and conditions above indicated, FAAC will be entitled to charge to the Client the related sales tax (VAT), if and when requested by the competent Authority.

Notes



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