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Zola Predosa, 16 January 2008

RE: NEW ELECTRO-MECHANICAL BARRIER 24V B604



We are pleased to inform you that the new FAAC B604 barrier is now available.

It is an absolute novelty in the FAAC range because it is the first 24V electro-mechanical barrier in our price list.

**The B604 consists of a head (motor unit) supplied separately from the securing elements (a base for on-ground installation and a support for on-wall installation, **patented by FAAC**). It is aimed mainly for residential and light commercial use, and has a beam length of up to a maximum of 4m.**

Main strong points:

- **Can be secured to a wall (**FAAC patent**)**
- **Automatic beam balancing by pre-installed ambidextrous torsion spring (**FAAC patent**)**
- **Reverse movement on obstacle function**
- **Easy to install**
- **Innovative design**

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## RANGE and ACCESSORIES

### **Barrier B604 24V - head**

**code 104875**

#### **Main technical specifications**

- Single model for RH or LH installation
- Built-in electronic control board
- Type of use: residential and light commercial
- Use frequency : continuous
- Opening time 3s
- Beam length max 4m
- 24V electric motor
- Protection class IP44
- Built in flashing lamp on the barrier body
- Manual release with customised key
- In case of a power cut, it can operate with the dedicated batte
- ✓ In compliance with EN13241, EN 12453, and EN 12445



### **On-ground securing kit**

**code 430000**

For classic on-ground installation of the barrier.  
Includes all accessories required for correct installation.



### **On-wall securing kit**

**code 430001**

For securing the barrier to the wall, adapting the installation to particular architectural characteristics (presence of walls, columns width).



## Beams

The B604 can be equipped with 4 types of beams:

- telescopic beam with 3m\* passage width **cod. 428092**
- beam with 3.8m passage width **cod. 428093**
- beam with 2.8m pass passage width and rubber edge **cod. 428094**
- beam with 2.8m passage width with lights **cod. 428095**



\* made of 3 tubes (1 m length) insertable with each other and connected by M6 screws

## Pockets for beams

Two types of pockets are available:

- one only for the telescopic beam **cod. 428803**
- one for the other non-telescopic beams **cod. 428802**



## Balancing kit for cut beam

**cod. 490118**

This kit is for balancing the beam if its length is reduced.  
**NB:** consult the barrier instructions to check the minimum suggested length for each type of beam.

## Adhesive reflector kit

**cod. 490117**

The package contains 6 adhesives with FAAC logo  
To be applied application on the beams



## Battery kit XBAT 24V for B604

**cod. 390929**

The battery kit dedicated to B604. It enables the barrier to perform manoeuvres in case of a power cut.

**NB:** this battery kit is different (due to the length of the connecting cable) from the standard XBAT battery kit for gate operators.



## Photocell support kit for B604

cod. 430002

A kit for securing the Safebeam photocell directly on the barrier body (the figure shows an application example combined with column code 401039).



## Control board E604 (integrated)

The E604 board is easy to access and simple to program.



It includes the **Omnicode** integrated two-channel universal decoding facility and is therefore compatible with all FAAC radio controls (decoding systems **DS, SLH, LC**).

To complete the installation just use one of the coupling receivers XF 433 or XF 868.

**NB:** remember that the 3 types of decoding facility cannot coexist simultaneously.



The board can be programmed with LEDs and push-buttons.

These are the most important characteristics:

- 3 function logics (automatic, light commercial, and semi-automatic)
- Operating mode set by dip-switches
- Constant movement and position control with the integrated encoder
- Obstacle detection function with trimmer controlled sensitivity
- Work and pause times set by self-learning
- Can be connected to battery emergency kit XBAT 24V for B604
- Selectable no power function (in the presence of the XBAT, the barrier either stays open - ON - or continues operating until the batteries are discharged - OFF)



## CODES

Code	Description	
104875	Low voltage electro-mechanical barrier B604 (head - same code for RH or LH installation)	
430000	On-ground securing kit B604	
430001	On-wall securing kit B604	
428092	Telescopic beam, passage width 3m B3T-60	
428093	Beam, passage width 3.8 m B38-50	
428094	Beam, passage width 2.8 m with rubber edge B28-50G	
428095	Beam, passage width 2.8 m with lights B28-50L	
428802	Pocket for beams B28/38-50	
428803	Pocket for telescopic beam B3T-60	
490117	Reflex reflector adhesives (6)	
490118	Balancing kit for cut beam	
390929	Emergency battery kit XBAT for B604	
430002	Photocell support kit for B604*	

\* available from February 2008

Remember that the E604 board (integrated) has Omnidec technology, i.e. it is designed to be commanded by all types of FAAC radio controls, simply by fitting the XF receiver (frequency module) directly on the board

Code	Description	2008 Price list
319006	Receiver XF 433	€ 43.00
319007	Receiver XF 868	€ 43.00

