

## AceDoors Automation System

No matter how heavy or large the door is, the flexible set-up of AceDoors Automation System and the software ensures that every door moves smoothly and accurately.

The motor is virtually silent, the automation allows fast and stable opening of the doors and delayed closing. The sliding door system is extremely reliable and easy to maintain.

### Characteristics

- ✓ Reliable & smooth plug and play system
- ✓ Build-In heater and defrost functionality in both controller and motor
- ✓ Motor and controller are IP65 classified\*
- ✓ Opens doors up to 450 kg and special even up to 1500 kg\*
- ✓ In compliance with the EN16005 European safety standards
- ✓ DMS: Deceleration Measurement System

# AceDoors Automation System

## Description

The AceDoors Automation System is the result of years of experience in the market. It is specially designed for the healthcare sector, clean rooms, distribution centres and food-processing areas. Metaflex continuously work on developing automation to meet the ever changing market demands.

## Motor

Motors are suitable for temperatures until  $-25^{\circ}\text{C}$  thanks to an automatic heating. A special motor, suitable for temperatures below  $-50^{\circ}\text{C}$  is also available.

## Available types:

- 100 Watt DC
- 90 Watt AC (protection IP65)
- 370 Watt AC (protection IP65)

## Rail

Aluminium rail construction with indentation. The rails are specially designed by Metaflex. The rollers in the rails have top quality and are 3 dimensionally adjustable. The rails have a 6-9 mm indentation. Because of it's smart design there will be no dust on the roller track. The rail systems are very reliable and low in maintainance.

## Available types:

- MF5 rail
- MF7 rail

## Hermetic System

Because of the indentation in the rail, the door will drop under its own weight towards the floor and will press in the same movement against the wall frame. Whilst the door blade drops in the indentations of the track, simultaneously at the bottom it will be guided and pressed against the wall by the floor guiding rollers.

## Controller

Microprocessor based controllor with a self learning system. The opening speed is variably adjustable. Full or partially open can be self adjustable between 10 and 90% of the opening. The controller holds a logbook which makes it visible for the end user to detect any disruptions in door movements. The controller is virus proof, thanks to the embedded software.

## DMS Deceleration Measurement System

Maximum safety with the Deceleration Measurement System. The controller detects if there is any resistance in the door opening and will go back to it's open position. This way you can effortlessly stop the door by hand, even at the highest speed and also with very heavy doors.

## Safety & Security

The AceDoors Automation System automatic sliding doors comply with all applicable machinery directives. The system is compatible with the EN16005 safety regulations.

## Compatible with:

- ✓ Single Sliding Doors
- ✓ Double Sliding Doors

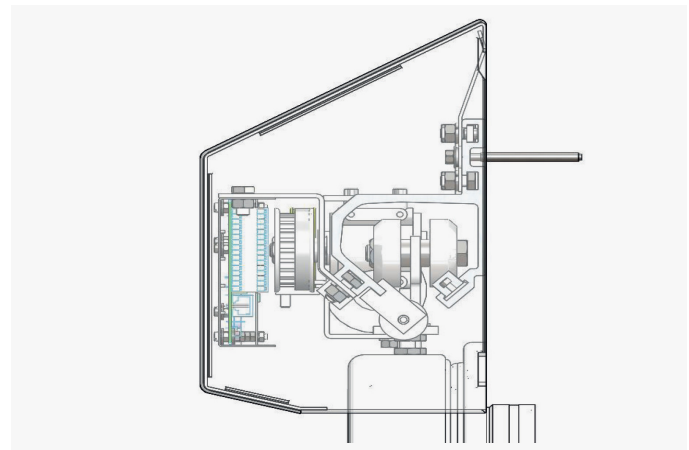
## Options:

The AceDoors Automation System Automation has many features.

For example:

- Adjustable opening & closing speed
- Adjustable starting & stopping speed
- Winter settings
- One way passing
- Emergency open/close
- Logbook
- Full or half opening
- Half-open width
- Deceleration Measurement System
- Implementation in an interlock

## Schematic:



*\*Terms and conditions apply.*

*In this review we have given you an idea of our capabilities. We not only offer standard solutions but also custom solutions. Would you like more information? Please contact us, we are happy to think along and advise you accordingly.*



Manufactured by AceDoors

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**AceDoors - over 30 years manufacturing experience.**

**Door  
Automation  
System**