

# Automatic Sliding Door Systems

2020  
-2021

## PREMIUMAUTO

# Premium 125 Automatic Sliding Door

LOW OPERATING  
NOISE: < 50 DB

THE CONTROLLER  
THROUGH APP  
AND BLUETOOTH.

Developed and Manufactured by  
PremiumSlidingDoors Pty Ltd

**The** Premium Automatic Sliding door systems, specifically engineered and manufactured exclusively for our Premium 125 range of cavity sliders.

**Using** magnetic linear motor technology, this automatic door track combines a smooth and silent performance with an elegant movement, being the ideal solution for the automation of sliding doors inside private homes, hotel rooms, retail shops, restaurants, etc.

**The** sliding door can be activated by means of a push button, sensor or simply pushing the door handle on the same door leaf (push & go)

## PREMIUM AUTO



### ACTIVE INFRARED SENSOR

Can be used for Activation only, Safety only, or a combination of both. Detects presence of persons near the door



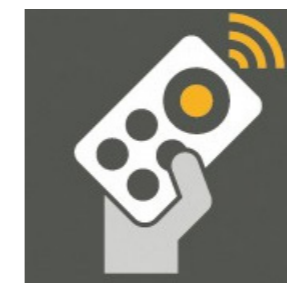
### PUSH BUTTON

Wired or Wireless options. Forget about cables using the wireless push button



### TOUCH-LESS SWITCH

Activates the door by simply approaching your hand or foot to the sensor (adjustable between 10 and 50 cm)



### REMOTE CONTROL

Handheld device used to select the operating mode: Automatic, Open, Closed and Exit Only. In "Closed" and "Exit only" mode an optional automatic lock is required.



### AUTOMATIC LOCK

Keeps the door blocked when the leaf is closed position and "Closed" or "Exit Only" modes are selected. In event of power failure, the lock will release to allow manual opening.

## MAIN TECHNICAL FEATURES

Compact aluminium track only **60h x 52d mm**

Minimum clear opening: **700 mm** track length: 1420mm

Maximum clear opening: **1000 mm** track length: 2020mm

Leaf weight up to **50 Kg**

Adjustable opening speed: **200 to 350 mm/s**

Adjustable acceleration and braking curves: **200 to 500 mm/s**

Low operating noise: **<50 dB**

Power supply: 230/110V AC 50-60Hz

Power consumption:

- In operation: 80 W
- Peaks (0,2 sec): 150 W
- Stand-by: 15w

## MOTOR SPECIFICATIONS

Brushless electric three phase AC motor type LSMPM – Linear Synchronous Motor with Permanent Magnets

Tension: **24 V DC**

Peak current: 6 A

Operating current: 3 A

Magnetic encoder with hall cells.

## MAIN TECHNICAL FEATURES

Microprocessor controlled (DSP)

4 operating modes:

- Automatic
- Open
- Close or Close/Lock (with optional auto lock)
- Exit Only

Functions:

- Push&go
- Cleaning mode
- Adjustable parameters
- “Low energy” or normal mode
- Opening speed
- Closing force
- Reopening sensitivity
- Hold open time

Conform to European norms and directives in force:

- Directive 2006/42/EC on Machinery
- Directive 2004/108/EC on “Electromagnetic Compatibility (EMC)”
- Directive 2004/95/EC on “Safety of low voltage electrical appliances”
- Norm EN16005: “Power operated pedestrian doorsets – Safety in use”

## MAIN TECHNICAL FEATURES

Heavy Duty aluminium track **75h x 52d mm**

Minimum clear opening: **100 mm** track length: 2020mm

Maximum clear opening: **1600 mm** track length: 3220mm

Leaf weight up to **120 Kg**

Adjustable opening speed: **200 to 350 mm/s**

Adjustable acceleration and braking curves: **200 to 500 mm/s**

Low operating noise: **<50 dB**

Power supply: 230/110V AC 50-60Hz

Power consumption:

- In operation: 200 W
- Peaks (0,2 sec): 375 W
- Stand-by: 15w

## MOTOR SPECIFICATIONS

Brushless electric three phase AC motor type LSMPM – Linear Synchronous Motor with Permanent Magnets

Tension: **24 V DC**

Peak current: 10 A

Operating current: 6 A

Magnetic encoder with hall cells.

## MAIN TECHNICAL FEATURES

Microprocessor controlled (DSP)

4 operating modes:

- Automatic
- Open
- Close or Close/Lock (with optional auto lock)
- Exit Only

Functions:

- Push&go
- Cleaning mode
- Adjustable parameters
- “Low energy” or normal mode
- Opening speed
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**PremiumSlidingDoors Pty Ltd**

2/15 Deadman road,  
Moorebank, NSW 2170  
Phone: 1300 15 15 50  
Mobile: 0488 15 15 50

E-mail: [sales@premiumslidingdoors.com.au](mailto:sales@premiumslidingdoors.com.au)  
Website: [www.premiumslidingdoors.com.au](http://www.premiumslidingdoors.com.au)