



**AUTOMATIC DOOR DRIVE UNIT** 

MM30 MM50 MM100







MICOM AUTODOOR

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## MICOM AUTODOOR



★ Please contact us for any special requirements.



Controller

hanging round

stopper

Recommended installation areas 

Office building

Meeting room

Smoking room

Office entrance

Hospital & Welfare facilities

Living room

Clinic

Multifunctional toilets

Factory

Clean room

Meeting room

Public facilities

Multifunctional toilets

Child room

Office entrance

Living room





#### **Assist function**

After moving the door to direction of opening about 2cm, the door will open automatically, and after a certain time, the doorwill close automatically.

# Highly safe return function

It can return the door immediately to a reverse direction when the door hit the body or obstacles during its opening.

## **Electronic locks compatible**

If you use specialized electronic lock (referring to page 10) and combined with the card reader, you can create an enter management system.

## **Automatic type and assist type**

This model includes 2 types: Automatic type and assist type You can choose for your purpose.

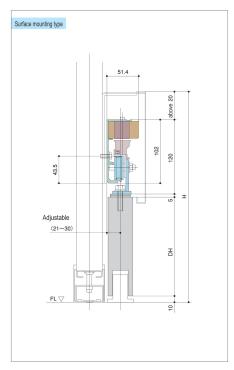
Function	Automatic type	Assist type	Description
Assist function	Standard	Standard	Manually move the door by 2cm, the door will automatically open.
Hold full open	No	Standard	Withstand the door fully open for more than 3 seconds, the door will keep at the opening status.
Free stop	No	Standard	When the door is pushed back manually by 80mm during its opening, the door will stop at any position.
Half open	No	Standard	Adjust the opening scope by adjusting the knob between half-opening and full-opening.
Safety Stop	Standard	Standard	When the door detects the obstacle continuously by 2 times at the same position, the door would automatically stop for safety.
Equipped with electronic locks	Option	No	Choose to install electronic locks.
Synchronized opening	Standard	No	Use two engines to form the Bi-parting door.

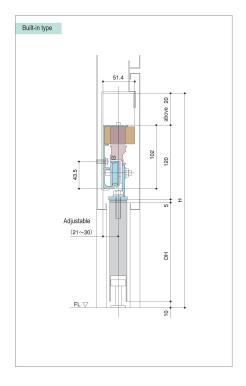
# Specifications

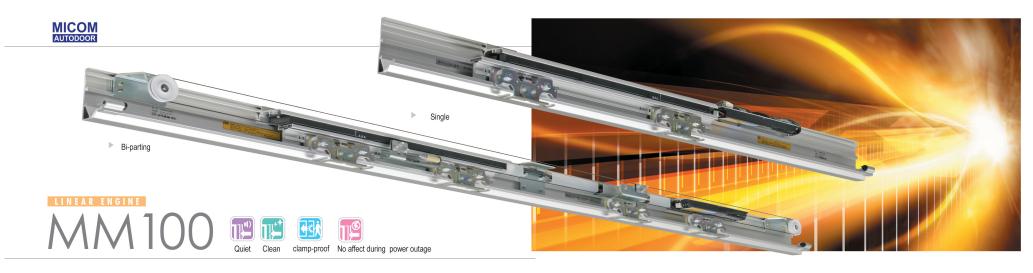
Model			MM 50
Required power capacity			AC100V 10% 50/60Hz MAX: 4A
Operating temperature			-10 ~ 40 °C
	Average when operating		0.2Wh/Once (Door Weight: 50kg/door)
Power consumption	Standby	No pushing force	2.8W (Starting sensors and auxiliary sensors are not included)
	Ottanaby	Under pushing force	5.8W (Starting sensors and auxiliary sensors are not included)
Motor type			Magnet brushless DC linear motor movable type
Thrust generation			When three stators are all fully lapped: 40N
Door weight			20 ~ 50kg / Door
Door width			>700mm (If the electric lock equipped : >800mm)
			About 7kg
Opening speed			0.2~0.5 m/sec (set default: 0.4 m/sec)
		Automatic type	0.2~0.5 m/sec (set default: 0.3 m/sec)
Closing speed	1	Assist type	0.2m/sec (fixed)
Hold open time 1 ~ 10:		1 ~ 10 seconds .	When it's set at maximum, it enters into ratchet action status (Set default: 3sec)

<sup>\*</sup> Weight may vary depending on rail length.

## Section







#### Recommended place for installation



Office entrance



Shopping Entrance



## Applicable the heavy door

It can open a single door of 30-90Kg or a Bi-parting door of 25-75Kg. It is extremely ideal for exterior doors

### **Quiet** and smooth

Since the door is driven by a linear motor, it can be opened or closed in extremely quiet and smooth way.

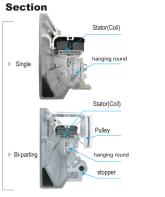
#### **Electronic locks compatible**

If you use specialized electronic lock (referring to page 10) and combined with the card reader, you can create an enter management system.

#### **Specifications**

/ 10% 50/60Hz MAX: 7A
h
O C
/Once (Bi-parting, Door weight: 75kg / Door)
Starting sensors and auxiliary sensors are not included
Starting sensors and auxiliary sensors are not included
brushless DC linear motor movable type
ree stators are all fully lapped: 136N
(g / Door
g / Door
nm (If the electric lock equipped : >830mm)
nm
12kg
18kg
2kg
9kg
.5m/sec ( set default : 0.4m/sec)
.5m/sec ( set default : 0.3m/sec)
seconds ( set default : 3sec)

<sup>\*</sup> Weight may vary depending on rail length.



#### Section

