

Specification

Technical				
Model	EDM ECO15-S	EDM ECO15-D	EDM ECO24-S	EDM ECO24-D
Application	Single Sliding	Double Sliding	Single Sliding	Double Sliding
Door (max.)	Weight	100kg	75kg x 2	120kg
	Dimension	1200 x 2200	1100 x 2200	1200 x 2300
Power Input	AC100V ~ 240V - 50/60Hz - 2A			
Power Consumption	200W			
Rated Operation	Continuous			
Control System	Microprocessor			
Motor	DC 24V / 45W Brushless			

Technical		
Model	ECO15	ECO24
Door Opening Speed	200 ~ 450mm/s	200 ~ 500mm/s
Door Closing Speed	200 ~ 450mm/s	200 ~ 500mm/s
Braking Adjustment	1 ~ 28 step adjustment	
Door Open Time	0 ~ 60sec (1~99 step adjustable)	
Partial Open	NIL	50%
Pressure to Eliminate Door to Frame Gap	A small force may be adjusted in order to keep the door closed or open.	
Safety Obstruction	Detects when closing by safety return	
Operating Temperature/ Humidity	Ambient temperature 0C ~ 50C (no consideration or icing) Ambient Humidity 30% ~ 85% (environment must be free of hazardous materials)	

Accessories

Motion Sensor



Safety Beam



Selector Switch



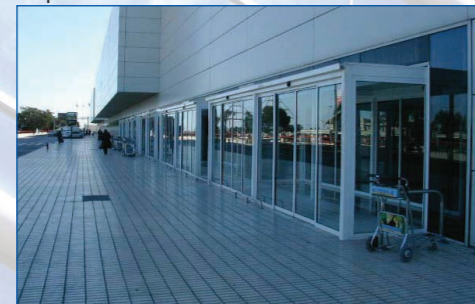
Door Profiles



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EDM ECO Series

Automatic Sliding Door Operator

MICOM
AUTODOOR

**EASY
INSTALL
SET-UP
OPERATION**

KENWA
Open to new possibilities

EDM ECO 15 & 24

MICOM EDM ECO Series Automatic Door Operator now offers even more user friendly installation, operation and safety features. Using a combination of our vast experience with advanced technology, EDM ECO 15 & 24 offers an optimum door automation solution which is both economical and competitive.

- More Cost Effective!
- More Economical!
- Ever Reliable!



MICOM Door Automation products offer a full range of sliding and swing door operators. As the first pioneers to use microprocessor technology and with decades of experience in the automation industry, our history sets us apart. Used worldwide, we maintain our long standing reputation for quality and reliability. Make MICOM Door Automation products your No1. and an investment in the future.

System Features

- Automatic Self Teaching
- 100v ~ 240VAC (50/60Hz) Power Input
- 24V Power Output for Accessories
- Wide Parameter Adjustment
- 100kg Door Capacity (ECO15)
- 240kg Door Capacity (ECO24)
- Partial Open 50% (ECO24)
- Ratchet Function Enabled
- Obstruction Detection

3 Control box

4 Hanger roller bracket

6 Motor gear box assembly

1 Pulley & belt tension bracket

2 Base rail

Product Summary:

EDM-ECO Series (15 & 24) sliding door operator is designed to provide automatic open and close operation with variable open / close speed up to 450mm/s ECO-15 & 500mm/s ECO-24 for single or double door leaves. A teaching or learning cycle for optimum performance will be initiated automatically after each power ON or change to operation parameters. Operation is upon sensor or switch activation, with safety beam function active when door is operating.

Additional operation parameter adjustments can be made to suit installation requirements via LED visual display. Consideration of economical design sees the input/output assembly for power and signal connections located as part of the Motor Gear Box Assembly, thus wiring, assembly and set up of the final door automation solution is time and cost effective.

- Economical Design Features
- Easy Installation & Set Up
- Automatic Door Optimisation
- Flexible Digital Programming
- LED Visual Display
- 100kg Door Leaf (ECO15)
- 120kg Door Leaf (ECO24)
- Japanese Quality and Engineering

MICOM – The world's leading Japanese autodoor manufacturer.

Operational Features

- Open Timer Adjustment
- Open / Close Speed Adjustment
- Open / Close Breaking Adjustment
- Open / Close Low Speed Adjustment
- Open / Close Force Adjustment
- Automatic Teaching Stroke
- Safe Close Speed – 450mm/s Adjustable

Delivery Formats:

EDM ECO Series is available as a complete pre-assembled operator or as a component building KIT.

As a **Complete Pre-assembled Operator** we offer rail lengths from 3.2m Single leaf and 4.2m Double leaf. Complete with cover and side covers, all wiring and assembly is complete. Once received, rail and cover can be cut to size as required.

As a **Component Building KIT** – Without Extruded Base Rail and Cover, we offer EDM ECO operator main component parts only. As a company already familiar with the manufacturer of sliding doors and aluminium profiles - we offer you the ability to extrude your own custom design base rail and cover for use with our high tech door operator - allowing cost saving at source.

With many **Accessories** available we can supply a complete project on demand. From motion and safety sensors to door profiles for full and frameless glass leaves. With floor guides, push buttons and switches all available.