

# Upgrade Your Doors for Energy Savings

## MotionIQ: Intelligent Automatic Door System



### Door opens. Energy saved. MotionIQ.

Traditional door systems open for a predetermined amount of time, resulting in unnecessary energy consumption and wear and tear because people pass through doors at varying speeds.

Introducing MotionIQ, the revolutionary intelligent door system that automatically adapts to individual movement patterns. This innovation not only enhances efficiency and sustainability but also reduces costs.

The best part? You can easily upgrade your existing automatic swing door operators. All it takes is the ED Connection board CAN and MotionSensor M A01 to enjoy the benefits of MotionIQ technology.



### improve people flow

MotionIQ – the new, intelligent automatic door system not only leads to an improved environmental footprint, it also facilitates barrier-free access to the building and improves the safe use of automatic doors. Based on the approach speed, the arrival time at the door is determined in advance so it opens in time. This prevents any contact with the door leaf and improves the flow of people.



### Reduce emissions

People pass through doors at different speeds. Conventional automatic door systems, however, always open instantly when a person is detected and usually remain open longer than necessary. On the other hand, the new, intelligent automatic door system MotionIQ reacts individually to people and controls the opening time according to the speed of movement. This saves up to 50 % energy and reduces CO<sub>2</sub> emissions.\*



### increase efficiency

During initial set-up, manual calibration of the sensor's detection field with the drive's parameters is no longer necessary. Readjustments are also avoided, as the intelligent MotionIQ technology allows the door system to adapt automatically to the environment and operating conditions. This enables uncomplicated and fast commissioning. As a result of the optimized opening, collisions with the door are avoided as much as possible, leading to lower service demands and thus costs.

# Save Energy While Passing Through the Door: Upgrade today

No matter the movement, the door system reacts accurately and contributes to energy savings in buildings by opening and closing the door as needed.



## **Slow pass-through:**

The door opens just-in-time and the door stays open only as long as necessary.

## **Swift pass-through:**

Door movement adapts to the speed of passers-by.

## **Lingering:**

The system detects when people just want to linger near the door and only opens the door once an intention to enter is detected.

## **Durable and intelligent:**

By opening and closing in line with use reduces the mechanical stress by avoiding unnecessary cycles. By using MotionIQ technology, the operational lifespan of automatic doors can be extended.

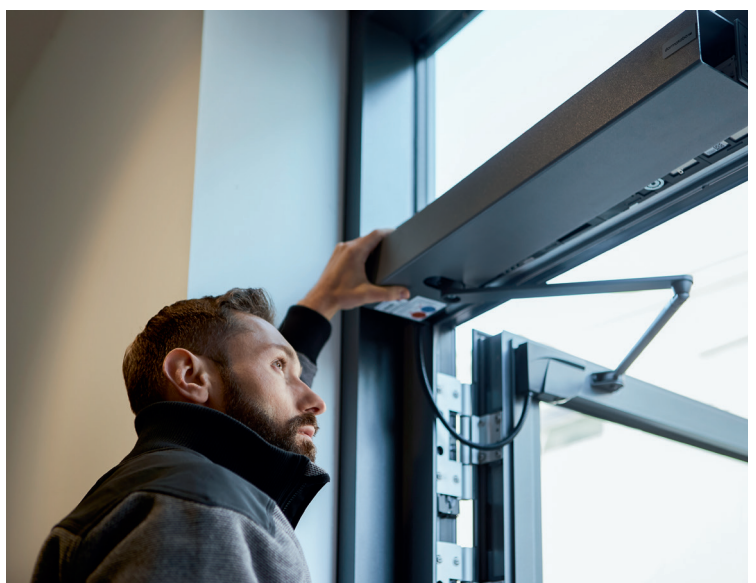
## **Compatible and flexible:**

Single and double leaf doors equipped with ED 100/250 Series swing door operators can be upgraded easily\*. Older units may require a Firmware update.

\*Building conditions must be checked beforehand

## Simply install, configure once, and benefit from automatic adaptation.

Talk to the dormakaba service team today about upgrading your doors.



Detailed information on calculating the potential energy savings can be found here. [www.dk.world/report-motionIQ](http://www.dk.world/report-motionIQ)

**Want to learn more? We would be happy to advise you.**

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