



# Automatic Sliding Door Solutions



We make access in  
life smart and secure.

**dormakaba** 

# Entrance Solutions By dormakaba

## Security. Sustainability. Reliability.



**ESA400 Fine Frame**  
1 Madison Avenue –  
New York, NY

**Cover**  
**ESA500 All Glass**  
McClurg Court –  
Chicago, IL

Touchless access is crucial in high contact public places such as health-care facilities, restaurants, schools, offices and restrooms. Your access system shouldn't be a barrier to entry. Transition to contactless, barrier-free and user-friendly access to the entrance to:

- Minimize high frequency touchpoints
- Reduce the spread of germs
- Increase touchless access solution

dormakaba's automatic sliding glass doors are a durable and welcoming entrance solution that create easy hands-free access. dormakaba's automatic sliding doors offer silent and smooth door opening.

### Our Values

- Customer first
- Performance
- Trust

The commitment to develop innovative yet practical products is what differentiates dormakaba. Our automatic sliding door systems are powerful examples of our dedication to providing solutions that perform as designed—throughout the life of your building.

### Opening the Door to a Lifetime of Service

From the moment you open your doors, we are your partner for the life of your entrance. To ensure our systems perform at the highest level, we make it our job to provide incomparable customer service, which includes: design consultation, specification writing, installation, replacement and upgrades, maintenance, and technical support—all backed by an extensive warranty you can trust.

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# Complete Customer Service and Project Support

Smart design begins at dormakaba. Our consultants advise, review, and respond to every phase of your project—from initial planning and budget preparation to on-site approvals. Next, you can rely on our customer service team to provide exceptional technical product support, while our nationwide network of service professionals will execute the final phases of installation and ongoing proper maintenance. Our goal is your complete satisfaction.

## Consulting Services Include:

- Developing code-compliant access solution specifications and schedules.
- Developing detailed specifications.
- Meeting with the design professional and/or owner to discuss project requirements and security coordination.

- Assisting with development of a professional key system.
- Preparing budgets.
- Reviewing substitution requests.
- Reviewing submittals.
- Responding to RFIs, owner's comments, and comments from other entities.
- Assisting with punch list development and administration.

Our design and development services include consultation for our complete range of entrance solutions:

- Automatic door systems (sliding, swinging, and revolving doors).
- Physical access systems.
- Glass systems and hardware.
- Architectural hardware.
- Operable walls.



# Nationwide Service & Installation

dormakaba's nationwide network of service professionals provides responsive and comprehensive sales, technical, project management, and maintenance support. Dedicated to the highest level of expertise, all our service technicians are certified by the American Association of Automatic Door Manufacturers (AAADM).

With offices conveniently located throughout North America, there is a certified service professional near you ready to respond to your service needs.

Visit [go.dormakaba.com/ServiceAMER](http://go.dormakaba.com/ServiceAMER) to learn more about dormakaba service and installation.



Our nationwide network of service professionals is certified by the American Association of Automatic Door Manufacturers.

# Automatic Sliding Doors



## ESA200 Commercial Fixed Sidelite Door

Extruded aluminum stile and rail door; for interior or exterior applications.

Recommended for large opening applications. Reduced air infiltration allows handling of windy conditions. Egress capacity comparable to standard swing doors.

- Breakout of sliding panels only
- Narrow or medium stile
- Performance glass options



## ESA300 Commercial Full-Breakout Door

Extruded aluminum stile and rail door; for interior or exterior applications.

Recommended for standard commercial openings such as retail, lodging, transportation terminals, and institutional applications. Full breakout provides enhanced egress capacity.

- Breakout of sliding panels and sidelites
- Narrow or medium stile
- Performance glass options



## ESA400 Fine Frame Automatic Sliding Door

Elegant and upscale; perfect marriage of beauty and functionality.

Recommended for standard openings for office and apartment building applications. Full breakout provides enhanced egress capacity.

- Breakout of sliding panels and sidelites
- All glass look
- Dual vertical weather sweeps
- Factory-glazed 3/8" tempered glass



## ESA500 All Glass Automatic Sliding Door

Perfect for creating an all glass look for interior applications.

Superior choice for interior openings; recommended for exterior applications in temperate climates. Suitable for larger openings with extended width sidelites.

- Breakout of sliding panels only
- Graceful lines with no vertical stiles
- 1/2" tempered glass
- Dual vertical weather sweeps

## Standard ESA Features

### Heavy-duty Delrin® and Brass Rollers

For every panel, there are four heavy-duty Delrin rollers, ensuring smooth and quiet operation. All sliders utilize heavy-duty brass rollers for our breakout system. Full breakout ESA300 doors also feature a brass roller at the bottom of each sidelite.

Other standard features include:

- Fully monitored overhead presence and activation sensors
- Security interface
- Low maintenance
- High traffic volume
- Adjustable astragal

Delrin® is a registered trademark of DuPont.

## ESA Options

### Optional Features

- Battery backup for keeping the door operational during power loss
- Various thresholds to fit any site condition
- Bottom rail heights: 7-1/2", 10", and 12"
- Muntin bar widths: 6", 7", and 10"
- Crash bars
- Glass stops up to 1"; sloped glass stops available





### ESA200/300/400/500-T Auto-telescopic Door

Perfect for corridor applications and openings that require an extra wide clear opening distance.

Provides larger clear door openings widths. Full breakout provides enhanced egress capacity.

- Breakout of sliding panels only OR sliding panels and sidelites
- Ultra-rigid extrusion to enable telescoping action
- Exceptionally narrow compact header, 7-1/2" high by 6-5/8" deep
- Narrow or medium stile
- Performance glass options



### ESA200/300-HP Hurricane-Resistant Door

Meets Florida Building Code regulations.

- Breakout of sliding panels only OR sliding panels and sidelites
- Non-breakout models can act as security doors due to superior glass strength and 5-point locking system
- 1/4" tempered glass or 5/32" stormglass
- No unsightly exposed screws-on-glass stops
- Eliminates need for hurricane shutters
- Steel reinforced



### MAGNEO Magnetic Drive Sliding Door System

Powered by linear magnetic drive technology; features minimalist, clean lines.

- Non-breakout
- Whisper quiet, hands-free, space-saving operation
- For interior low traffic applications
- Low maintenance
- Fewer moving parts
- Minimal energy usage
- Low or no profile
- Adjustable to comply with ANSI/BHMA A156.38

### Access & Security Options

- Electromechanical lock
- DG 1000 panic device
- Remote release & lockdown
- Security integration relays
- Magnetic security contacts
- Stainless-steel-reinforced armored strike
- 3-point maximum security mortise lock
- Keyed switch control panel
- Impact glass
- Security glass stops

### ESA Wind Zone Package

- Sensor rain guard
- Flush panic device
- ITS96 closer on active leaves

### Custom Features

- Transoms
- Sizes
- Finishes
- Configuration

# Quality ESA Technology

## German-Engineered and USA-Manufactured.



ESA doors are commercial grade, high traffic volume automatic sliding doors designed with the strongest drive system in the industry.

Offering a wide range of configurations and options, the ESA Series ensures sturdy, reliable access in travel centers, retail outlets, office buildings, healthcare facilities, and countless other building types. Our high quality product and superior workmanship reduce downtime and lower service costs.

### **Heavy-Duty**

Our ESA controller is designed to easily accommodate door panels weighing as much as 220 lb.

### **High torque**

The ESA controller features a high torque motor to produce smoother and consistent opening and closing door speed.

### **Meet the ANSI Standard for Monitoring**

The 2017 ANSI 156.10 standard requires a "handshake" connection between the presence sensor and the automatic door controller. This closed loop monitoring system ensures that in the event of a presence sensor failure, the door will stop automatic function.

Our controller and the presence sensors are tested and approved by dormakaba engineering to ensure they comply with the new standard.

### **Innovative**

dormakaba was the first to design an automatic sliding drive controller that fits within a 4-1/2"-depth header.

### **Energy Efficient**

The ESA controller's energy-efficient design requires less power to operate. The presence sensors allow doors to safely close in a timely manner to maintain temperate interior climates.

### **Microprocessor Control**

The microprocessor controller motor encoder system interfaces with any security system to continuously monitor door position for a higher level of efficiency and safety. dormakaba's innovative software ensures smooth operation and lasting performance.

# Industry-Best Cladding and Finishes

## Custom and Standard Finishes To Match Any Design.

### The Best Cladding in the Industry

dormakaba couples modern technology with old world craftsmanship to manufacture the finest architectural finishes of any manufacturer, bar none. Experienced craftsmen fabricate cladded sliders in stainless steel and bronze using skills honed over many years. They apply the same custom ornamental metal finishes to the sliders as are applied to dormakaba's Crane revolving doors. Some manufacturers hand off this type of finishing to subcontractors, whereas every ESA sliding door is 100% manufactured by dormakaba.

### Unparalleled Choice of Finishes

ESA doors can be customized to match virtually any design because dormakaba offers such an extensive range of finishes: wet paint, powder coat, special anodized, and clad finishes—in stock, standard, and custom colors. The base package standard finish is Clear or Dark Bronze Anodized.



Cladded sliders in stainless steel and bronze are custom fabricated by the same craftsmen who apply ornamental metal finishes to dormakaba's Crane Revolving Doors.

We couple modern technology with old world craftsmanship to manufacture the finest architectural finishes of any manufacturer.



**ESA300 with Clad Bronze Finish**  
JW Marriott Chicago – Chicago, IL  
Architect: Lucien Lagrange & Assoc.



The already stylish ESA400 Fine Frame and ESA500 All Glass doors make elegant entrances when clad in a dormakaba ornamental architectural finish. (Brushed stainless steel cladding shown above.)

# Tough and Strong

## ESA200/300

Suitable for both interior and exterior applications, the ESA200 and ESA300 are extruded aluminum stile and rail automatic sliding doors that boast the strongest panels manufactured. Whether impacts come from hospital orderlies navigating stretchers, porters handling luggage, shoppers pushing carts, or heavy falling objects, ESA door panels and bottom door guides resist racking to stay true.

### Anti-Panel-Racking System and Robust Slide Block Construction

ESA standard door unions are the same as those used on our hurricane door panels. Our corner block construction creates the industry's most robust structural door panel. All in all, our design creates a union much stronger than welding and threaded rods.

### Longest Lasting Bottom Floor Guide

ESA floor guides are built to last as much as 10× longer than our nearest competitor, reducing maintenance and replacement costs.

### Exceptionally Strong .125 Thick Aluminum Profiles

dormakaba makes the ESA header and door panels from .125 thick 6063 aluminum, staying true to the specification while other manufacturers thin out their profiles. The result is one of the most structurally sound door packages available anywhere.

### Aesthetically Superior

dormakaba ESA doors couple rugged door panel construction with a smart design. Our uniform glass stops are designed to maintain consistent sightlines and daylight openings from door panel to door panel. This ensures that sliders using different glass within a vestibule will maintain the same daylight openings.



**ESA200** Little Colorado Medical Center – Winslow, AZ  
Architect: Mittelstaedt, Cooper & Associates



**ESA300** PHX Sky Train – Phoenix, AZ  
Architect: HOK



**ESA200** Kansas City International Airport – Kansas City, MO



# Extra-Wide Auto-Telescopic

## ESA200/300/400/500-T

### Extra Wide Clear Opening

ESA-T Auto-Telescopic models feature 3-panel single slide and 6-panel biparting doors designed to increase clear door-opening widths by approximately 35%. They provide the perfect solution for corridor applications and openings that require an extra wide clear opening.

### Rugged and Reliable

The rugged header utilizes the proven ESA slider drive unit, with an added ultra-rigid extrusion to enable the telescoping action. The reliable belt-driven design features a removable outer track.

### Compact Header

The compact header, 7-1/2" high by 6-5/8" deep, is exceptionally narrow for a telescopic door and minimizes projection from the door jambs.

### Two Breakout Designs

The ESA200/500-T doors feature partial breakout of the sliding panels only, while the ESA300/400-T doors feature full breakout of all panels. Both breakout designs are completely engineered, manufactured, and assembled by dormakaba.



The **ESA-T** utilizes the proven ESA drive unit with an ultra rigid extrusion and a reliable belt-driven design that features a removable outer track.



# Refined ESA400 Fine Frame

### The Perfect Marriage of Beauty and Functionality

For elegant, upscale, and even monumental applications, the ESA400 Fine Frame, with full breakout of sliding panels and sidelites, combines full view aesthetics with excellent weather-sealing qualities. It's ideal for interior or exterior applications such as high-end retail stores or modern office buildings.

### Customize the Look to Match Your Design

The unparalleled choice of finishes dormakaba offers allows you to match your ESA400 precisely to your design. In addition to wet paint, powder coat, and anodized finishes, a variety of ornamental architectural metals can be applied by dormakaba's own craftsmen to create a spectacular entrance.



The **ESA400** is the only automatic sliding door in the industry to come factory glazed.



**ESA400 Fine Frame Exterior (top) and Interior (above)**

Related Companies Luxury Apartments  
500 Lake Shore Drive – Chicago, IL  
Architect: Solomon Cordwell Buenz



Gaylord National Resort & Convention Center – Washington DC  
Architect: Gensler



# Clear

## ESA500 All Glass

### Smooth, Clean Look

An all glass door designed for interior applications, the ESA500 features emergency breakout of the sliding panels only.

### Finished to Perfection

Like all ESA doors, the ESA500 can be finished to meet your design goals. In addition to wet paint, powder coat, and anodized finishes, a variety of ornamental architectural metals can be applied by dormakaba's own craftsmen to create a spectacular entrance.

### Intelligent, Efficient, and Technologically Advanced

The ESA500 has a five-function program switch, adjustable motion sensor, and optional self-closing side panels.



The Bow Office Tower – Calgary, Alberta  
Architect: Gensler



MGM Grand Casino Hotel – Detroit, MI



The Bow Office Tower – Calgary, Alberta  
Architect: Gensler



Aloft Detroit at The David Whitney – Detroit, MI  
Architect: Kraemer Design Group PLC

# Hurricane Door

## ESA200/300-HP

Engineered and tested to withstand nature's wrath.

Rigorous testing has ensured that the ESA200/300-HP door meets, and even exceeds, Florida Building Code regulations.

### Strong. Durable. Refined.

In addition to the door panel's storm and wind resistance, the ESA200/300-HP has the strongest and most durable header—designed without exposed screws to be the strongest, most durable unit available. There are no unsightly exposed screws-on-glass stops.

### Increased Security

Superior glass strength and a 5-point locking system allow non-breakout models to serve as security doors.

### Impact Resistance

The ESA-HP door is steel reinforced to withstand the impact of large projectiles. Choose from a variety of breakout configurations and several hurricane-rated glass or stormglass options.

### Cost-Effective

dormakaba hurricane-resistant sliders decrease costs by eliminating the need for hurricane shutters.



The **ESA200/300-HP automatic sliding door** meets Florida Building Code regulations, keeps your building safe and secure, provides smooth and durable operation—all the while providing an aesthetically pleasing entrance.



# Ultra Quiet

## MAGNEO Linear Magnetic Drive Sliding System

Powered by linear magnetic drive (LMD) technology, the MAGNEO redefines both the function and design of sliding systems.

MAGNEO works in previously impractical interior spaces—whether public, commercial, or private. Its sleek Contur design has minimalist clean lines that blend seamlessly to meet discriminating interior applications. The innovative magnetic technology ensures that the MAGNEO is safe, reliable, whisper quiet, touch free, and resistant to wear.

### Ideal for Interior and Low Traffic Applications

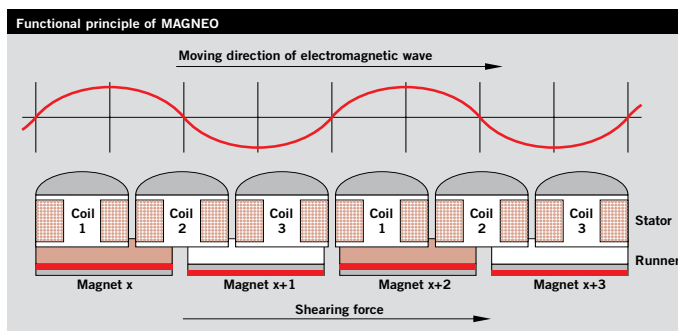
The MAGNEO's modern design dramatically transforms and enhances interior spaces while supporting green initiatives at the same time. Its easy operation makes it an attractive and efficient way to update both the function and appearance of interior doorways.

### Safe, Low Energy Door

Designed to meet ANSI 156.38, the versatile MAGNEO meets all safety requirements for low energy applications. Its extra sensitive operation instantly detects any obstruction. Activation is achieved via touchless design push plate, radio remote control, or traditional infrared motion sensors.

### Innovative

With LMD-enabled features, MAGNEO transforms the function and design of automatic sliding entrances.



MAGNEO—driven by linear magnetic drive (LMD) technology



Garden Communities – San Diego, CA



[www.dormakaba.us](http://www.dormakaba.us)

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