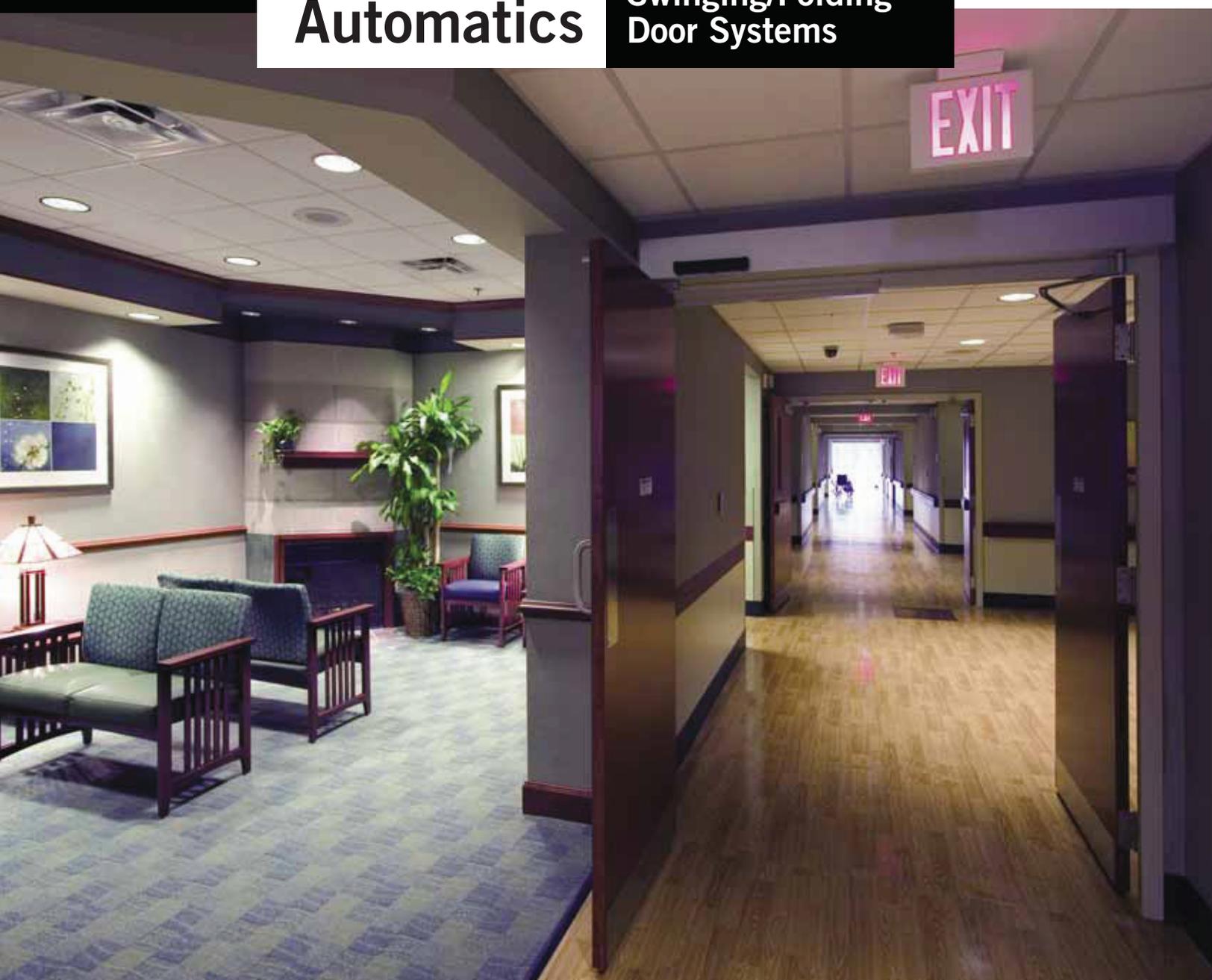


DORMA Automatics

Swinging/Folding
Door Systems



The DORMA ED400 — Powerful, Reliable, Flexible, and Intelligent

Powerful

DORMA's ED400 full power operator is designed for demanding applications such as retail centers, airports, and healthcare facilities. Engineered for high traffic entrances and heavy duty applications, the ED400 can handle doors up to 320 lb per door leaf.

Reliable

DORMA Automatics products are tested for one million cycles in climate-controlled test chambers that replicate severe weather conditions. A built-in power boost helps keep the door closed even when it is exposed to high wind or stack pressure buildup.

Featuring a state of the art microprocessor control, the ED400 has a fully enclosed motor gear box, while the concealed spring package provides powerless self closing. Virtually maintenance free, this unit provides smooth, silent door operation.

Flexible

This unit functions as either a low energy operator or a full energy unit and can be modified with the flip of a switch. These complete factory-engineered door systems meet all of the stringent requirements of ANSI 156.10, ANSI 156.19, and UL325, as well as NFPA 252 90 minute fire rating

when used with rated doors and hardware.

The ED400 operator is ideal for applications that require an ADA-compliant entrance. With a multitude of adjustable features, you have the flexibility to fine-tune the door to meet your specific needs — all without the need for special tools or hand held programming terminals.

In the event of power loss, the controller has fuse and electronic power-surge protection. This function allows the closing system to act like a door closer, providing easy manual operation.

Intelligent

This operator is built with the most technologically advanced encoder and microprocessor control, utilizing the most innovative user interface on the market today. The microprocessor is self-learning for the door weight and inertia, providing the smoothest operation. The controller has dedicated circuits and LED status indicators for up to 5 safety sensors, which means no more doubled up circuits or decreased performance. The easy 3-digit display allows you to monitor the performance of every function for easy diagnostic evaluation.





Integrated Features

- Optional power boost mode is built in to help keep your door closed when your application has a windy exposure or stack pressure build-up.
- Microprocessor control encoder motor has built-in diagnostics.
- Push-n-go feature is selectable at your choice.
- Power assist opening self-engages whenever the door is pushed manually.
- Built-in lock delay eliminates the need for another expensive interface module.
- The safety touch feature initiates door reopening whenever an obstruction occurs during the closing cycle.
- A hard stop prevents wall damage, with an additional electronic stop that allows the door to be set at any desired angle.
- Indefinite hold open function allows for faster traffic control and fresh air.

Highly Adjustable

A multitude of adjustable features gives you the flexibility to customize the application to your specific needs.

- Full energy mode for high volume traffic areas such as retail stores, airports, and hospitals.
- Heavy-duty low energy mode for doors with higher traffic patterns requires ADA compliance without the need to change the springs.
- Inswing or outswing models are available in surface mount or overhead concealed.
- Single, double, or double egress door applications are all available.
- A built-in circuit allows for fire alarm integration and control.
- ED400 operator can handle doors up to 320 lb per door leaf.
- Handed door is field-adjustable as needed.