

8100 Series Swing Door Heavy Duty Operator

Automatic door technology as you've never seen it before!



record

your global partner for entrance solutions

8100 Series

A proven planetary gear system in tandem with a perfected lever-system arm assures the smoothest, most quiet operation available without exception. Libraries, doctor offices, and healthcare facilities demand that their daily routines proceed without the common noisy distractions associated with many competitive products. Eliminate your worry of post install performance by specifying record-usa's 8100 series without hesitation.

Combined with World famed Swiss precision technology and a patented control system with 32 bit processor technology, the 8100 series is powerful and intelligent. The 8100 guarantees rapid and reliable door control performance, even when complex functions are desired.

When programming the 8100 series with record-usa's available hand held remote you will be greatly impressed with the quick and easy diagnostics and software updates that make field adjustment easy to configure and program. Using state of the art computer chip technology incorporating flash memory, the installing contractor can program multiple entranceways to open and close at the exact same speed with each and every opening.



record-usa's 8100 series swinging door operator makes everyone's decision making process simpler in that it truly can be selected for most any application. An ingenious design platform allows each unit to be used on virtually any door configuration including:

- Right hand or left hand doors
- Inswinging or outswinging doors
- Single, pairs or double egress doors
- Balanced doors
- Swing clear doors
- Interior doors
- Surface applied
- Center hung doors
- Butt hung doors
- Deep reveal applications
- Libraries, elderly care facilities, universities, hospitality, storefronts
- Front entrances in retail applications
- Meets ANSI A 156.19 requirements when adjusted properly
- Meets ANSI A 156.10 requirements when adjusted properly
- Exterior doors
- Fire rated openings
- Available clear or dark bronze anodized, custom painted, and clad
- ADA applications
- Electric strikes without additional relays or delays
- Up to 350 pounds per door leaf
- 30" doors through 96" door openings
- Push to start applications eliminate the need for additional activation accessories and complex field wiring
- Latch assist function assures closing in areas with heavy stack conditions commonly associated with doors in air conditioned and heated environments
- Specify 8200 Series when a squared header is desired.

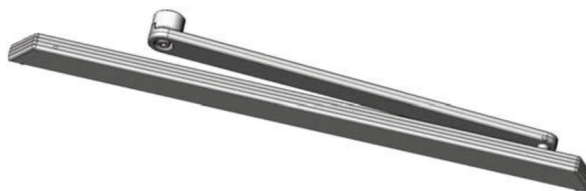
Brake Feature

An optional feature for the 8000 series Swing Door Operator systems is an internal clutch/ brake to maintain door position at the full-open and/ or full closed position(s). This electro-mechanical unit is integrated within the encoder assembly and will hold door position with 90 ft-lbs. torque. If forces are applied to the door which exceeds this force, the clutch feature of the unit will allow rotation without physical damage to the operator.

Arm Options



The Standard Arm Assembly, 9-80-0010-CL, will work in out swing (push) applications up to a 12" reveal, and in swing (pull) applications up to a 6" reveal.



The Slide Track Arm Assembly, 9-80-0012-CL, will work in out swing (push) applications up to a 3" reveal, and in swing (pull) applications up to a 6" reveal.



The Offset Arm Adapter, 9-80-0011-CL, can be used with the above Slide Track Arm Assembly to provide a solution for special applications, such as center-pivoted doors with breakout capability, or double-egress installations using a continuous header.

Extended Reveal Applications will require an extension of the secondary (adjustable) arm portion of the Standard Arm Assembly. This is accomplished by combining two secondary arm assemblies. Reveals of up to 24" are possible.

8100 Series

