

record automatic door solutions



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



record

your global partner for entrance solutions

5100 series sliding door



Our top priority is your complete satisfaction with the quality of our products and services.

By this we mean:

- Individual, professional advice in choosing building access solutions for people and goods;
- A wide range of high-tech products to meet the requirements of modern building automation;
- Elegant designs with numerous options, compatible with any architectural style or building plan.

There are 15 record subsidiaries in Europe and the USA, and we have over 50 years experience in mechanics, sensor technology, electronics and software for automatic door systems and related products.

Talk to us about your needs!

Thank you for your confidence in our company; we look forward to hearing from you.



record

your global partner for entrance solutions

record-usa's new 5100 series sliding door offers the very latest in automatic door technology to assure the quietest, smoothest performance in a sleek and elegant design. Offering a wide breadth of configurations and functions, the 5100 series assures the architect and building owner a wide array of capabilities in ensuring the most safe, secure and attractive entranceway available by choosing from the following options:

Different operating modes

- Automatic mode with full opening width
- Automatic mode with reduced opening width
- Automatic mode in one-way (exit only) for traffic control
- Adjustable reduced opening mode
- Continuously open: door opens and remains in open position; either full open or reduced opening width
- Off mode: door can be moved by hand

Safety functions

- Safety sensors (self-monitoring holding beams) in the clear opening of the door prevent the door from shutting if persons or objects are in the detection zone.
- Safety automatic reversing mechanism: if the door leaves are inhibited when closing, they are immediately re-opened (automatic reverse 2-step adjustable). If the door leaves are hindered when opening, they are immediately stopped.
- The position of the obstacle is stored and will be slowly approached during the next door movement.
- Even in the case of power failure the emergency fail close or the emergency opening is assured by the optional emergency power options.

- Sidelight protection – Additional sensors located above the opening path of the door will slow the opening if a person or object will inhibit the door opening normally.

Options

- Emergency battery: in the case of power failure, the optional battery back-up device will perform flawlessly (including all sensing devices) for hours. When the battery's capacity is low the door slides to a pre-determined position (open, shut or locked). In the case of continued power failure the shut and locked door can still be opened automatically by a key-operated impulse.
- Electro-mechanical locking device concealed in the operator casing.
- Systems for locking device surveillance and alarm.
- Door leaf surveillance.
- Night control with time switch, key-operated impulse, electronic encoding switch or building services control system.
- Interlock control: Continuous interlock control or only selectable by external contact (key-operated contact or building services control system).
- Communication module for data exchange with a higher-level building services control system.

Door closers

- Integrated support for hydraulic closers in both SX (slide/swing) and SO (swing sidelite) panels.
- Built into the top rail, door closers are available when specified, to ensure the door closes and remains operable after emergency breakout egress.

Panic Device

- Flush panic hardware is available for full-breakout and fixed panel applications which will comply with all existing exit codes.



Automatic telescopic sliding door

Door panels open and close in an elegant and noiseless movement and at different, harmoniously coordinated speeds. This interesting motion is not only aesthetically pleasing but also functional. The telescopic sliding door operator is ideal for narrow passages where the opening width obtained with a normal sliding door would not be sufficient. Crowded entrances are no problem as it opens quickly and quietly. The power transmission between the carriages of the slow and fast moving door leaves is achieved without drive by 2 guide pulleys - an additional advantage for the noiseless movement of the door leaves.

Sophisticate all glass automatic sliding entrances

Showcasing a building, emphasizing a lobby or creating an illusion of openness, the Sophisticate all glass automatic sliding entrance allows the beauty and elegance to show through the entrance area with clear line of sight unhindered by vertical stiles. This entrance creates an unobstructed view of either the interior or exterior of a building while providing the smooth quiet and reliable operation that sets the standard for the industry.

Designers can choose many of the same options and configurations that are available on other record sliding entrances without compromising entry/exit area. Compact and attractive, the operator and control are housed in a continuous aluminum header with extra

large rollers and a dampened track to provide a dependable mechanism for long-life trouble free operation.

Clear and dark bronze finishes are standard, but the designer can choose from a wide variety of painted or clad finishes. Each sliding door opening has two safety beams and safety reversing. Emergency swing out of sliding doors is standard for compliance with egress codes.

Suitable for high end design applications as well as every day use, the Sophisticate series is the perfect compliment for architectural design creativity in entrances.

5900 series manual ICU doors

Health care environments are challenging in that the need for a door way to rapidly provide break out capability in the event of emergency patient care is always evident.

The solutions specifiers may confidently choose are ICU manual door systems. ICU doors are used to provide separation between patient rooms and other areas of the hospital.

ICU doors are specified to eliminate critical life safety situations arising when possible delays may result due to hospital personnel hesitating momentarily when transporting patients due to slow moving doorways.

record-usa's manual sliding ICU door packages are available in multiple configurations that allow the architect total freedom in the design of a patient facility. One may select from two, three or four panel options, both with or without floor tracks. Other possibilities include either three or six panel telescopic designs, again both with and without floor tracks. To satisfy all of the requirements of the healthcare facility, the doors may be specified to breakaway either into the patient room, or out into the hallway—whichever option best allows for quick and unimpeded transportation of patients either in wheelchairs or on gurneys.

Note: With trackless units, breakaway capability may only be achieved for the sidelite assembly and the active sliding door leaf when the doors reach the fully open position. With standard pin guide track units sidelite and sliding door assemblies breakout from any position during the slide travel of the door.



record

your global partner for entrance solutions

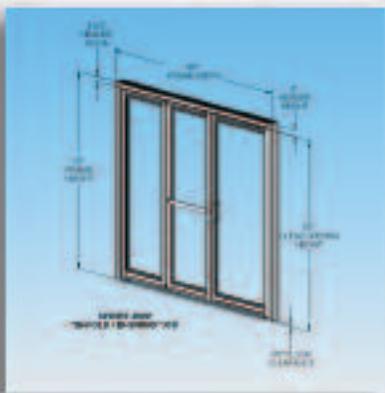
4900 series ALL-IN-ONE bi-fold/bi-swing manual doors



Introducing the new record-usa ALL-IN-ONE door package. Ideally used to eliminate the possible impedance in a hallway of hospital personnel with patients caused by open door leaves, the dual folding-swinging ALL-IN-ONE door system assures that narrow hallways remain clear of possible obstructions that other door systems may cause.



In the event of an emergency, standard ICU packages may cause concern by breaking into the hallway to allow quick egress from the patient room. Doors of this type also may rely on a floor track system that slows a patient's travel while on a gurney or may lead to discomfort as they proceed over the track. Doors of this type are also usually manufactured with hard to grasp handles that are very difficult to open when the nurse may have his/her hands full. Nurses now may easily back into the swing side of the door system and enter the doorway even when handling food trays, patient charts, etc.



When large doorways are desired to allow the simple transportation of carts, wheelchairs or other equipment, standard ICU doors are provided with a breakout feature to allow the door panels to fold in one direction and stack. This design feature provides a larger than normal clear door way opening than swinging doors may allow. But when choosing record usa's ALL-IN-ONE door package the requirement of a breakaway feature is eliminated simply by opening the bi-fold and bi-swing door quickly and easily.

This ingenious three panel door system offers the combination of both a folding door and a double acting swing door system. Inherent to the creativity of the design is the ability to select which side of the unit the folding door panels are on and which side the swinging door unit is on— whichever allows the quickest egress should an emergency situation arise.

When the swing and fold door reach the fully open 90 degree position, the door will remain open to allow ample time to pass carts and/or patients in wheelchairs, etc. without the concern of the door closing on the patient or the worry of an inconvenient floor track.

5900 series manual ICU doors positive latching

record-usa's unique positive latching system on their manual ICU doors is different from that of the competition in that it latches inside the header and not on exposed vertical members which is quite common.

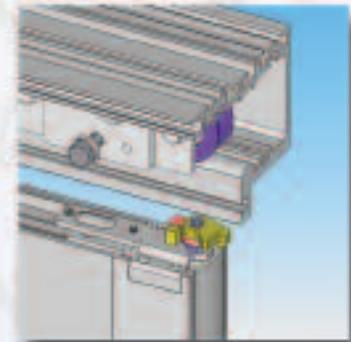
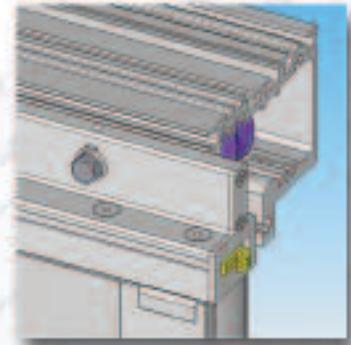
Studies have shown that manual ICU doors that incorporate side latching systems offer further complications in crisis situations in that patient IV lines may become entangled and cause injury or slow the required hasty transportation of the patient in an emergency.

Used in tandem with an easy to grasp handle system provided on each side of the door itself, the positive latching system secures the active leaf firmly in place when the door is closed. This prevents the all too common occurrence of the ICU door gently re-opening when softly slid shut by the nursing staff. Since the door remains securely shut, the patient is allowed to rest peacefully without fear of interruption common in active hospital environments.

Once the positive latch handle is depressed, breakaway capability is once again readily achievable.

Regardless of the configuration, whether it be standard single slide, bi-part or telescopic slide, all record-usa series 5900 manual ICU doors have identical header site lines to simplify aesthetic concerns.

Trackless telescopic break away units may be specified to allow quick and easy full egress without the hazards or protruding floor tracks.



record

your global partner for entrance solutions

4000 Ultra-Fold™ folding doors

Series 4000 Ultra-Fold™ door packages are the perfect choice for an automatic door any where space is at a premium. The door's unique folding feature is ideal for corridors, small vestibules, and hallways.

Greater clearance with the Ultra-Fold™ is a real advantage for tight spaces that require automatic doors. This can be critical when the disabled need easy access to your building and anywhere high traffic exists. At any retail store, hospital, office building, or convenience store, the Ultra-Fold™ is a major convenience, especially during the busiest rush hours. The folding doors open all the way, getting out of the way, to provide the widest opening possible.



record-usa offers the Series 4000 Ultra-Fold™ in 2 panel and 4 panel configurations designed to fold-in or fold-out depending on your traffic patterns and design requirements. Please contact record-usa for design assistance, details and specifications. Series 4000 doors are UL and cUL listed and are designed and manufactured to meet the requirements of ANSI 156.10.

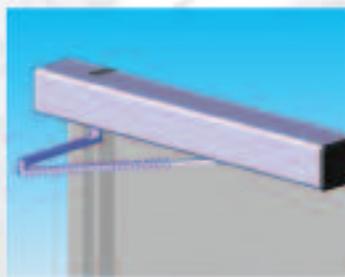


8000 series electromechanical swing door operators

The record-usa Series 8000 electro-mechanical operator is engineered to automate swing doors in high traffic situations. Designed to meet market demands for dependability, low noise, and application flexibility, the 8000 series operator can successfully automate swinging doors in Hospitals, Supermarkets, and airports, as well as dock doors, with smooth trouble free operation.

This Swiss designed microprocessor driven operator has a planetary gear reduction system with a unique cam controlled spring compression stage for superior door control in manual and automatic mode. All door performance parameters are adjustable and meet or exceed UL and ANSI standards. Sleek lines, non-handed capability, and ease of installation make this fully self-contained operator the top choice for today's demanding designer with the assurance that only the best product is being selected.

The 8000 series fully complies with ANSI 156.10 (American National Standard for Power Operated Pedestrian Doors). When requirements mandate that slower moving doors in compliance with ANSI 156.19 (American National Standard for Power Assist and Low Energy Operated Doors) be specified please select the 8100 series.



your global partner for entrance solutions

4910 Starcrest Drive
Post Office Box 3099
Monroe, NC 28111-3099

800 438-1937
704 289-2024 Fax
www.record-usa.com