



Accessibility  
for the  
disabled



## 6100 Series Low Energy Swing Door Operator

FULLY COMPLIES WITH ANSI 156.19 FOR POWER ASSIST AND LOW-ENERGY POWER-OPERATED DOORS  
MEETS ALL AMERICANS WITH DISABILITIES ACT OF 1990 REQUIREMENTS

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



**record**

your global partner for entrance solutions

## 6100 Series Swinging Doors

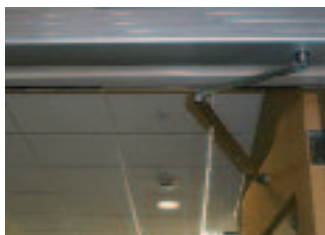
When building design requires a surface applied low energy door operator suitable for medium to high volume traffic, the record-USA 6100 Series is your solution. record-USA's 6100 series low energy swing door operator eases your selection process by offering all of the features normally found as options, and incorporating them into one self contained unit.

In order for a swing door operator to be considered as "low energy" as defined in ANSI 156.19, a "knowing act" activation must be performed. This "knowing act" can be in the form of pushing an activation plate or button, swiping your hand in front of a "touch less push plate" or swiping a card for access control. Due to the opening speed requirements defined within the ANSI standards, the swing door operator is classed as intrinsically safe. Adjustable parameters within the control can determine what to do if an obstruction is sensed and may be independently selectable for the opening and closing cycles. Adjustable parameters within the control also allow adjustment of opening speeds, time open delays, and locking time delays. Even parameters allowing the operator to overcome stack pressure issues are available as standard features. Additional safety sensors are not required on low energy swing door operators under the standard, however, the record-USA's 6100 swing door control has the ability to incorporate additional safety sensors into your door system should you so desire.

In today's competitive marketplace, many manufacturers have reduced the cost of their products by outsourcing components, extrusions and even complete units to Asia and other low cost regions of the world. In many cases, this "cheapening" of the product has led to excessive noise and early component failure. record-usa's Swiss engineered products give you the lowest power consumption of any swing door operator in its class. This combined with its stylish looks and almost silent operation combine to give you the best value for money low energy swing operator available today.

### Features/Benefits

- 115V, 60HZ, 1-phase –
- Non-handed operator
- In-swinging or out-swinging doors
- Single, pairs or double egress doors
- Comes with standard push arms- Three different styles of arms available to suit every application
- on/off/hold open switch with error indication is standard
- Microprocessor control for accurate repeatability of parameters
- Surface applied
- Suitable for Center hung or Butt hung doors
- Deep reveal applications
- ADA compliant
- Capable of moving up to 175 pound door leafs
- Available in up to 48" single and 96" paired openings
- Meets ANSI 156.19 requirements when adjusted correctly.
- Unit is fire rated per UL 228
- Available clear or dark bronze anodized as standard, custom colors are available (please contact record-USA).
- Stylish black plastic molded end caps, incorporating switches and error indicators.
- Uses same hand held programmer as the 8100 Series
- Electro-mechanical operation
- Sequences electric strikes and electrified panic devices, with-out the need for extra interfaces.
- Push to start application, eliminates the need for additional activation accessories and complex field wiring
- Latch assist function assures doors closing and locking in areas with heavy stack pressure conditions
- Quick and simplified installation
- Door open time delay of 2-60 seconds (check minimum hold open requirements in meeting ANSI 156.19)
- Rounded 4 1/2" x 5" or squared 4 1/2" x 5 1/8" covers available
- Easily interfaces with all types of access control
- Lowest Power Consumption in its class



# Series

# 6100

