

## record-usa 5100 Series The Greener Door

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



**record**

your global partner for entrance solutions

# 5100 Series The Greener Door

*"The door that pays for itself"*

record-usa recognizes the importance of the Green initiative.

Disposing of items that can be recycled diminishes energy, water and natural resources that could be saved by recycling. Creating an environment of cultural responsibility has been a focus of ours over the past several years and will remain as such for the foreseeable future.

### Energy Consumption of record-usa 5100 Series sliding door systems:

The Standby load has been tested at 25 watts. This is when the door is closed at rest and set on automatic mode, with other peripherals connected such as sensors, locking, etc.

The maximum loading (continuously in full operation) has been tested at 100 watts. Most leading competitor's average from 250 W to 600 W. This is when the door is under permanent and maximum operation combined with the maximum door leaf weight of 225 pounds per panel. With the motor voltage at 35VDC, the operator is classified as Class II.

### Exclusive Traffic Sensitive "Smart" opening logic reduces air infiltration.

When low traffic is sensed the door operates to a selectable reduced opening. When two-way and/or higher volume is sensed, the door operates at full opening width. This is achieved automatically without the requirement of having to go to the door and adjust the operating mode.

By automatically changing the opening and closing width based on pedestrian traffic flow record reduces air loss out of the building.

### Construction Waste Management

Product manufactured by record-usa ships in recycled cardboard that is suited for further recycling or for possible reuse when required. We never use hard to dispose of styrofoam like other manufacturers. This eliminates or greatly reduces extensive re-usable garbage/material being delivered to and or buried in public disposal areas.

### Warranty

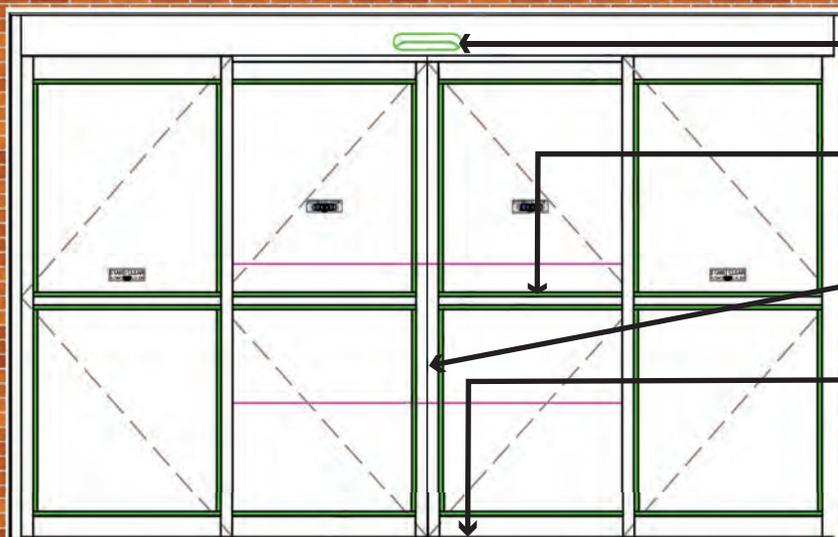
record's two (2) year warranty is double the industry standard. Also, record proudly offers a life-time warranty on our track system and a three year warranty on our roller system. Extended warranties not only exude confidence in the durability and lasting ability of our sliding door system but lead to reduced part replacement and better operating conditions, saving further on both energy consumption and possible refuse items.



- Electronics allow for both low wattage consumption and energy efficiency
- Traffic Sensitive Sensor provides controlled and timed opening and closing cycles
- 1" glazing offers protection from the elements and reduces hot/cold transfer from interior and or exterior
- Rubber seals between panels and extended bottom door sweeps reduce and eliminate air and smoke infiltration
- Door closers assure panel coming closed after breakout reducing loss of building heat or cold
- Extended door sweeps add extra resistance to the elements keeping cold air and snow out and heat in thereby saving on heating and air conditioning costs as well

| Pressure | Air Leakage |
|----------|-------------|
| 1.57 psf | .32 CFM     |
| 6.24 psf | .75 CFM     |

record-usa's Series 5100 Series The Greener Door was tested in accordance with ASTM E283-04 obtaining the above results.



1. Traffic Sensitive Sensor

2. 1" Glass Stop

3. Rubber Seals

4. Extended Door Sweeps

5100 Series Green

