



record INF In-Floor Swing Doors

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



record

your global partner for entrance solutions

INF In-Floor Swing Door Operators



When the requirement for the historic preservation of custom doors or all glass frameless doors dominates your design criteria, the record-usa INF concealed automated floor operator is the ideal solution

Developed especially for heavy swing doors, the INF electro mechanical drive unit with its extraordinary functionality opens up new and attractive dimensions in the entrance area.

Suitable for passage widths of up to 5 feet wide and passage heights of up to 13 feet tall. Maximum door weights of up to 1300 pounds.

| Common Application Requirement: | Solution: |
|---|-----------|
| → Arched and slanted headers | INF |
| → Low soffit conditions | INF |
| → Intrusive surface mounted operators | INF |
| → Heavy and historically significant doorways | INF |

- Electromechanical drive system with high performance gearing mechanism
- Quiet power transmission by means of electronically controlled special motor
- Integrated plug-in micro processor controller
- Hold-open time, opening and closing speed, opening and closing pressure are infinitely adjustable and are independent from one another
- Automatic opening in the event of power failure
- Key-operated operating switch offering available with the following operating modes: OFF – AUTOMATIC – EXIT – OPEN
- Stainless steel casing, watertight
- The operation is also capable of bi-directional movement, meaning the same operator can be used as inward or outward swing.
- Also available with push and go
- High energy or low energy versions available
- Operates from a conventional 110 volt power supply (single phase) or 240v if required.
- The opening time and speed of operation are continuously adjusted thanks to a computerized system.
- Has an optional electromagnetic wind lock for doors in locations where being caught by a gust of wind is likely to be a problem.
- Can be connected to a buildings smoke/fire alarm system and also building management systems.
- Aesthetics is a key priority in any building design these days and the INF fits underneath the floor within a very high quality stainless steel frame and is then hermetically sealed with a stainless steel cover plate.
- Every INF swing door operator is designed for a fully automated opening and closing. There are no hydraulic systems or any mechanical springs within the INF, it is driven by a brushless DC motor which has no additional resistance over a gear. The great advantage is that it allows heavy doors to be operated easily when used manually. Emergency opening or closing is also a possibility with an additional battery back-up.

INF In-Floor Swing

