

# Premier-Slide Retrofit Kit

The Premier-Slide Retrofit Kit is the most versatile sliding door retrofit kit on the market. All our kits are ordered by manufacturer and model, this means you get the right kit for the right operator – saving time and money on installations. All our kits come with full instructions and most installations are achievable in just 2-3 hours including wiring and setup. Our bespoke kits do not require any modifications or drilling. The Premier-Slide equipment combines robust engineering and hitech electronics to create a heavy duty sliding operator.

## Key Features

- A new design allows for easy installations, repairs and maintenance.
- A micro-processor driven system and heavy duty motor gearbox, control our smoothest ever automatic door.
- The compact design of the main control unit allows easy fitting into even the smallest of operators.
- Our retrofit utilises the same trusted equipment as our sliding door systems. This means you only have to carry one set of spares for our entire sliding range.

## Safety Functions

- Safety sensors in the opening of the door prevent the door from shutting if persons or objects are in the detection zone.
- Auto-reversing: if the door leaves are inhibited when closing, they are immediately re-opened. 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.
- In case of an emergency the door system will open and stay in that position to aid escape through the widest possible opening.
- Sidescreen protection – sensors installed above the side screens where the door slides, protect against the leaves striking an object.

## Emergency Panic

- Electronic Monitored “smart” System - Fail to open device.
- Stop functions and Full “Breakout” options are available.



## Operating modes

- Automatic mode with full opening width
- Automatic mode with reduced opening width (Winter opening)
- One-way (Exit only) for traffic control
- One-way (Enter only) for traffic control
- Hold Open; either full open or reduced opening width
- Off mode

## Additional Info

- Some folding doors that run on “Sliding door equipment” can be retrofitted.
- Special “Modules” come with the appropriate kits to make fitting even easier.



# Technical Specification

## Motor Gearbox

Heavy duty 90w Motor gear box with a steel shaft and pulley. Micro processor controlled positioning encoder and an integrated magnetic motor lock.

## Control Unit

The control unit is fully microprocessor controlled and has an integrated switched mode power supply (SMPS). It has a built in control fuse rated at 3A 250V

All connections for external components are connected to the control unit via different connectors and a dedicated connection board.

## Emergency Battery Backup

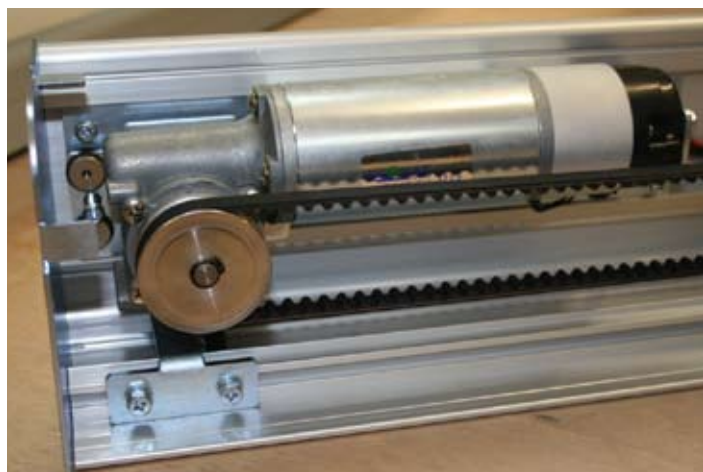
An integral, monitored battery system will open the door to its full position and hold it there in the event of a power failure. (Fire alarm input does the same thing)

## Drive System

All the drive brackets are manufactured from thick steel. The drive is provided via a reinforce toothed drive belt, running between the motor gearbox and an idler pulley.



All in one control unit with monitored battery backup



Heavy duty motor gearbox



Retro fitting a Record Sliding Door

|                     | <u>Single door</u>   | <u>Double door</u> |
|---------------------|--|--------------------|
| Max Door Width      | 2000mm   | 3000mm             |
| Max Door Height     | 2500mm   | 2500mm             |
| Max Door Weight     | 100kgs   | 160kgs             |
| Mains Voltage       | 80v – 250V ac  |                    |
| Power Consumption   | Standby: Max 10W / Hour<br>Operating Mode: Max 150W / Hour |                    |
| Hold Open time      | 1 – 10 Sec   |                    |
| Opening Speed       | Max 600mm / Sec  |                    |
| Closing Speed       | Max 400mm / Sec  |                    |
| Reduced Opening     | 70% Of Opening Width (Fixed)                               |                    |
| Aux Power Supply    | 24V dc 2 amp   |                    |
| Ambiant Temperature | -20° +55°  |                    |