

DNA

PRODUCTS



Universal Auto-Kit Brochure



Your Automatic Sliding Doors will optimise logistics, eliminate draughts and heat loss and will reduce dust and noise pollution as they will never be left open.

Available for installation to almost every Sliding Door track on the market to date including Fermod Rails. The DNA Universal Auto-Kit comes as standard with a state of the art, single phase control panel and motor along with all of the necessary brackets and safety features to fit your sliding door.

Unlike other Automatic Kits for Sliding Doors our kit has no clutch. This means that if the power is off the door leaf can still be moved with ease. This removes a very common problem of other kits where you must manually move the clutch while sliding the door which can be very hard and potentially dangerous for your staff/employees.

With many other Automatic Kits there can be restrictions for space when it comes to the motor. With our Universal Kits the motor can be mounted at either end of the track or even above the track with no extra parts needed.

Usage: Suitable for continuous and intensive use.



Specification



Control Panel

Our Control Panel has been specifically designed for use with industrial doors. The panel provides inverter speed adjustment and control as well as monitoring and responding to external inputs. It incorporates a comprehensive range of configurable parameters that allows you to configure it for optimal performance.

Rated IP54

The door controller must not be subjected to any steam or humidity while cleaning, if necessary use a cloth damp with soapy water or rubbing alcohol to wipe the exterior.

Motor

The motor can be mounted directly to the front or back of a Fermod rail (*see above*). Additionally it can be fitted upside down above the rail if there is no room at either end. This is achievable by using a different mounting bracket for the motor that fixes to the wall.

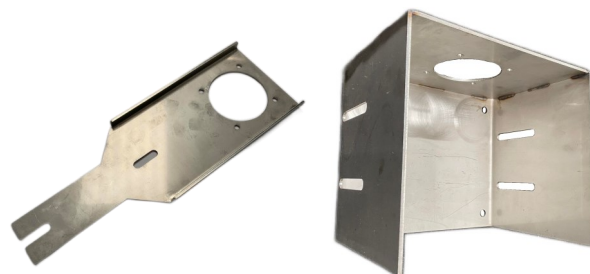
Rated IP55

Every 6 months you should visually inspect your motor seals and casing. Check drive, for smooth running, absence of vibration. These motors run in varied environments so regular checks are advised.

NO GEARBOX!

Unlike other Auto-Kits that can be hard to move manually when the power is down the DNA Products Auto-Kit has no Gearbox. This means that while power is out the door can be used manually with great ease without the need to alter or remove anything.

Quiet and smooth operation reduces wear and tear and noise pollution.



Fermod Rail Mounted

Wall Mounted

Dimensions: Recommended to operate Sliding Door leaves up to 4 metres wide and maximum door leaf weight of 350 kg.

Power: As standard the Power Supply is Single Phase 240V.

Opening/Closing Speed: Up to 2.0m/sec.

Control Equipment: 2 push-button panels with emergency stop (standard).



Standard operation: OPEN activated by user. CLOSE activated when time had elapsed on timer. This can be changed so that CLOSE can be activated by user.

Limits - Encoder

The Incremental Encoder is a magnetic field based encoder capable of resolving the rotating field of the SCE magnet into 50 pulses per revolution.

The use of an Encoder removes the need for limit switches which can be unreliable and can be easily damaged leaving you extra repair costs and downtime.



1.



Safety

1. We supply a set of Photocells for use vertically on the edge of the door leaf. This prevents collision with objects within the opening. When activated the door will return to it's open position.

2.



2. We may also supply a Photocell / Reflector kit for use horizontally across the opening. These would not normally be fitted to a freezer door as condensation can form on the reflector.

Power Cut

In the event of a power cut all settings and limits will be recorded which means the door needs only a simple reference run (detailed in the manual) and the door will continue with all the original settings. This will save greatly on the cost of call-outs in case of power cuts or the door needing to be switched off.

- Also available with UPS battery back-up.

Features

Superior Control : Complete with a fully programmable circuit board with LCD Display. You can really fine tune the running operations with this circuit board and error codes can help identify damaged parts after a collision. This is not a common feature on Auto Kits supplied by others. The board also has a cycle counter so we can keep track of how often the Kit is used for maintenance purposes.

Quiet Operation: Our Auto Kit runs using a toothed belt system, so thanks to this it operates smoothly and quietly. No noisy chains or tooth racks with this kit. Only the very best for our customers!

Memory: In the event of a power cut all settings and limits will be recorded which means the door needs only a simple reference run (detailed in the manual) and the door will continue with all the original settings. This will save greatly on the cost of call-outs in case of power cuts or the door needing to be switched off.

Uniformity: All of our Auto-Kits use the same parts and brackets and equipment, so replacement parts are always stocked and available off the shelf.

Options: With a plethora of additional hardware, Pull Cords, Radars, Induction Loops, etc. the DNA Products Universal Auto-Kit can be adapted to work in almost any environment.



Push
Buttons



Radars



Pull
Cords



Induction
Loops



Remote
Control



Aerwave

— Have a Question? —

Please take your time to have a look at all our products around our website. If you have a question do not hesitate to contact us on:
01472 361 601 or sales@dna-products.co.uk

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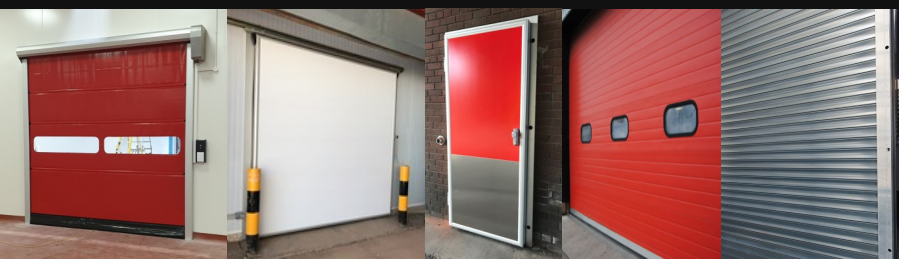
PRODUCTS

We supply, install, and maintain a wide range of products including Insulated Doors, High Speed Doors, Dock Levellers and Shelters, Coldrooms, Insulated Panels, Modular Shelving and many more. We have over a hundred years of experience in the industry between us and have worked with many different products giving us a wide range of knowledge and skills. We aim to supply a reliable service at the best possible prices.

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NATIONWIDE
COVERAGE