

DNA

PRODUCTS



ColdSpeed High-Speed Door Brochure





The DNA Products ColdSpeed is a self-repairing roll up door equipped with 2 curtains without any rigid elements. A 200mm divide between the curtains in the closed position creates an insulated air space.

This makes the ColdSpeed ideal for refrigerated areas where it is important to separate environments with a positive or negative temperature. This avoids condensation and ice build-up which can be dangerous for workers and can impede the operation of the door itself.

The curtains are rolled up around steel shafts, travelling over high-quality bearings, with the aim of reducing wear and tear and increasing durability.

The ColdSpeed can be installed in both positive and negative temperatures. Thanks to the non-rigid curtains and the sliding self-repair system if a collision occurs the curtain leaves the guide to prevent damage. Once the door is in the open position it will begin to close and automatically reinsert itself.

The ColdSpeed is a reliable High-Speed door with an auto close feature. Once the door is opened a timer will begin, closing the door at the time specified by the client. This can be set to close immediately after a pedestrian or vehicle has cleared the opening. Fast opening and closing times can help maintain the temperature in any controlled environments as well as reducing your energy cost. Rapid access into your rooms can help optimise the flow of traffic.

Maximum safety is guaranteed by the Photocell safety system which is integrated in the guides. All doors are supplied with a crank handle for use in case of a power cut. A stop is activated for safety purposes, so the door cannot be used while the handle is in place.

Our High-Speed doors combine years of research and development with high quality materials to ensure low maintenance requirements and the best result for you. Due to its preinstalled components (safety cells, motor, curtain) and easily programmable control panel the ColdSpeed is easy to assemble, install & maintain. They are also incredibly user friendly.

Maintenance advice is available over the phone and in many cases can prevent the need for a call-out charge as the onsite technicians are able to identify faults and rectify them with ease.



SPECIFICATION

OPENING SPEED

Up to 1.8m/sec.

CLOSING SPEED

0.8m/sec.

MOTOR

The Motor can be supplied for left or right-hand operation depending on where the door is being installed.

MAXIMUM DIMENSIONS

6000mm (w) x 6000mm (h)

WIND RESISTANCE

Class 2

SAFETY

CE Mark in compliance with all the requirements of the European EN13241-1:2003 safety standard for preventing accidents and minimizing damage.

Emergency stops on both sides.

Active Photocell Set (IP65) that stop the door from closing if a person or vehicle is detected.

SLIDING SYSTEM

Patented sliding system with high density Polyethylene self- lubricant equipped of sliding zipper directly on curtain.

POWER

As standard the Power Supply is 3 Phase 415V 20 Amp.

CURTAIN MATERIAL

1mm Thick PVC 900g/m²

CURTAIN COLOURS

RAL 7035 Light Grey	RAL 7037 Dusty Grey	RAL 2008 Deep Orange	RAL 1021 Rap Yellow
RAL 5010 Gentian Blue	RAL 9010 Pure White	RAL 3002 Flame Red	RAL 6026 Opal Green

OPERATING TEMPERATURE

Ambient / Chill

+35°C / **-35°C**

HEATING KIT

A: Heater on electrical components and mechanical, heating cable 30W ml.

B: Heater in air space with warm air blower 3,7 KW max.

OPENING DEVICE

Control Panel containing Open, Close and Emergency Stop buttons.

1no additional Push Button supplied as standard.

STRUCTURE

Not self-supporting.

APPLICATION

Food Processing Industries.

Refrigeration industries.

Ideal to manage high temperature differences even without a humidity-controlled system.

DOOR MATERIALS

The Frame, Canopy and Motor Cover are made from Galvanised Steel and painted grey as standard.

Optional: Powder coated Steel

Optional: Stainless Steel 304/316

WIRING

Plug and Play system (IP65)

CYCLES (EN12604)

1 000 000 (tested)

SIGNAL OPTIONS

Safety Light

Safety Light with Sound

Traffic lights



OPENING OPTIONS

1no additional Push Button Block can be supplied if the Control Cabinet is to be fitted at high level to prevent tampering.

Induction Loop Inside/Outside – Included: 100mts flexible cable 1 mm thickness.

Pull Cord Inside/Outside Support and 5m cord included.

Remote Controls/Receivers.

OUR MOST POPULAR OPTIONS

Radars Inside/Outside



Rugged, high mount (7m) industrial door activation sensor.

IP67 with a large detection area.

Combines uni-directional detecting technology with the ability to differentiate between detecting pedestrians and vehicles.

Clearwave



FIGHTING THE SPREAD OF INFECTIONS

Hygienic, touchless, automatic door activation switch.

Detection range from 5-40 cm.

3 different faceplates included.



OPTIONAL EXTRAS



BOLLARDS & POSTS

All of our doors can be supplied with protective Bollards which are the ideal solution to protect your doors from impact damage caused by forklift trucks, pallet trucks, lorries, etc.

The rounded shape and smooth surface of the Bollards allow for easier cleaning and hygiene control. All welds are tightly sealed preventing water and dirt from gathering inside.



The hollow centre trunk and thick outer walls give the Bollards increased durability and allow them to flex and absorb shocks. This reduces the chance of damage and injury. It also reduces the overall weight of the posts making them easier to carry and install.

— 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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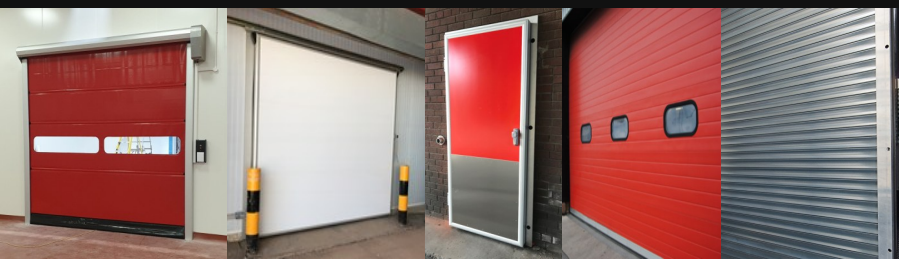
PRODUCTS

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